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**ANNUAL REGISTER  
UNITED STATES  
NAVAL ACADEMY  
ANNAPOLIS, MD. ✖**

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**SEVENTY-FIRST ACADEMIC  
YEAR, 1915-1916 ✖ ✖ ✖**

**GOVERNMENT PRINTING OFFICE  
WASHINGTON, D. C. ✖ ✖ 1915**



# ANNUAL REGISTER

OF THE

# United States Naval Academy

ANNAPOLIS, MD.

—  
OCTOBER 1, 1915  
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SEVENTY-FIRST ACADEMIC YEAR

1915-1916



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
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## CONTENTS.

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|  | Page. |
|--|-------|
| HISTORICAL SKETCH.....   | 5     |
| SUPERINTENDENTS.....   | 12    |
| BOARD OF VISITORS.....   | 13    |
| ACADEMIC CALENDAR.....   | 14    |
| CALENDAR, 1915-16.....   | 15    |
| OFFICERS OF THE UNITED STATES NAVAL ACADEMY.....   | 17    |
| ACADEMIC BOARD.....  | 25    |
| REGIMENTAL OFFICERS.....   | 27    |
| PRACTICE CRUISE, SUMMER OF 1915.....   | 33    |
| CLASSES OF MIDSHIPMEN, OCTOBER 1, 1915, WITH RELATIVE STANDING FOR<br>LAST ACADEMIC YEAR.....      | 43    |
| MIDSHIPMEN OF THE FOURTH CLASS AT BEGINNING OF ACADEMIC YEAR,<br>1915-16.....                      | 96    |
| NUMERICAL SUMMARY.....   | 103   |
| APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.....   | 105   |
| MERIT ROLLS.....   | 111   |
| REGULATIONS FOR ADMISSION OF CANDIDATES.....   | 167   |
| COURSE OF INSTRUCTION.....   | 181   |
| TABLE OF COEFFICIENTS.....   | 186   |
| ASSIGNMENT OF TIME.....  | 186   |
| PROGRAM OF RECITATIONS.....  | 187   |
| COURSE OF PRACTICAL INSTRUCTION.....   | 188   |
| SUMMARY OF PRACTICAL INSTRUCTION.....  | 190   |
| ROUTINE EXERCISES, FOURTH CLASS, SUMMER OF 1915.....   | 191   |
| ROUTINE EXERCISES FOR FIRST, SECOND, AND THIRD CLASSES RETAINED AT<br>ACADEMY, SUMMER OF 1915..... | 193   |
| CLASS 1871 PRIZE.....  | 195   |
| PRIZES, MEDALS, ETC., PRESENTED, 1914-15.....  | 197   |
| ATHLETICS.....   | 199   |
| ALPHABETICAL LIST OF OFFICERS (NAVAL AND CIVIL).....   | 209   |
| ALPHABETICAL LIST OF MIDSHIPMEN.....   | 213   |



## THE UNITED STATES NAVAL ACADEMY.

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The United States Naval Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy, in the administration of President James K. Polk. It was formally opened October 10 of that year under the name of the Naval School, with Commander Franklin Buchanan as superintendent. It was placed at Annapolis, Md., on the land occupied by Fort Severn, which was given up by the War Department for the purpose. The course was fixed at five years, of which only the first year and the last were spent at the school, the intervening three years being passed at sea. This arrangement was not strictly adhered to, the exigencies of the service making it necessary, in many cases, to shorten the period of study. In January, 1846, four months after the opening of the school, the students consisted of 36 midshipmen of the date of 1840, who were preparing for the examination for promotion; 13 of the date of 1841, who were to remain until drafted for service at sea; and 7 acting midshipmen, appointed after September of the previous year. The midshipmen of the date of 1840 were the first to be graduated, finishing their limited course in July, 1846, and they were followed in order by the subsequent dates until the reorganization of the school in 1850.

In September, 1849, the following board was appointed to revise the plan and the regulations of the Naval School:

Commander William B. Shubrick,  
Commander Franklin Buchanan,  
Commander Samuel F. Du Pont,  
Commander George P. Upshur,  
Surgeon W. S. W. Ruschenberger,  
Professor William Chauvenet,  
Captain Henry Brewerton, United States Army.

The plan reported by the board was approved, and went into operation July 1, 1850. The new organization provided for a course of seven years, the first two and the last two at the school and the three intermediate years at sea. The school was placed under the supervision of the Bureau of Ordnance and Hydrography, and its name was changed to the United States Naval Academy. The corps of professors was enlarged, the course was extended, and the system of separate departments with executive heads was fully adopted. It was provided that a Board of Visitors should make an annual inspection of the academy and report upon its condition to the Secretary of the Navy. A suitable vessel was attached to the academy as a practice ship, and the annual practice cruises were begun.

After the system had been in operation a year new changes were proposed, and the recommendations of the academic board on the subject were referred to the board of examiners for the year 1851, composed of the following-named officers:

Commodore David Conner,  
Captain Samuel L. Breese,  
Commander C. K. Stribling,  
Commander A. Bigelow,  
Commander Franklin Buchanan,  
Lieutenant Thomas T. Craven.

The change recommended by the board of examiners, and adopted by the department, consisted mainly in leaving out the requirement of three years of sea service in the middle of the course, thus making the four years of study consecutive. The practice cruise supplied the place of the omitted sea service and gave better opportunities for training. The change went into operation in November, 1851, together with other improvements recommended by the board. This system has been continued, with some slight modifications, to the present time. The first class to receive the benefit of it was that which entered in 1851. Six members of this class completed the course in three years and were graduated in June, 1854; the rest of the class followed in 1855.

In May, 1861, on the outbreak of the war, the academy was moved to Newport, R. I. The three upper classes were detached and ordered to sea, and the remaining acting midshipmen were quartered in the Atlantic House and on board the frigates *Constitution* and *Santee*. In the summer of 1865 the academy was brought back to Annapolis, where it has since remained.

When the Bureau of Navigation was established, July 5, 1862, the academy was placed under its supervision; March 1, 1867, it was placed under the direct care and supervision of the Navy Department, the administrative routine and financial management being still conducted through the bureau. On the 11th of March, 1869, this official connection with the bureau ceased, but was renewed by the general order of the Navy Department issued June 25, 1889.

The term of the academic course was changed by law March 3, 1873, from four to six years. The change took effect with the class that entered in the following summer.

In 1866 a class of acting third assistant engineers was ordered to the academy for instruction. The course embraced the subjects of steam engineering, mechanism, chemistry, mechanics, and practical exercises with the steam engine and in the machine shop. This class was graduated in June, 1868, together with two cadet engineers who had entered the academy in 1867. After an interval of four years, in October, 1871, a new class of cadet engineers was admitted. This class followed a two years' course, somewhat more extended than that of the class of 1868, and was graduated in 1873. In 1872 and 1873 new classes were admitted, the first of which left the academy in 1874 and the second in 1875. By an act of Congress approved February 24, 1874, the course of instruction for cadet engineers was made four years instead of two; the new provision was first applied to the class entering the academy in the year 1874. This class was graduated in June, 1878.

By an act of Congress approved August 5, 1882, it was provided that from that date "there shall be no appointments of cadet midshipmen or cadet engineers at the Naval Academy, but in lieu thereof naval cadets shall be appointed from each congressional district and at large, as now provided by law for cadet midshipmen, and all the undergraduates at the Naval Academy shall hereafter be designated and called 'naval cadets,' and from those who successfully complete the six years' course appointments shall hereafter be made as it is necessary to fill vacancies in the lower grades of the Line and Engineer Corps of the Navy and of the Marine Corps: *And provided further*, That no greater number of appointments into these grades shall be made each year than shall equal the number of vacancies which has occurred in the same grades during the preceding year; such appointments to be made from the graduates of the year, at the conclusion of their six years' course, in the order of merit, as determined by the academic board of the Naval Academy; the assignment to the various corps to be made by the Secretary of the Navy upon the recommendation of the academic board. But nothing herein contained shall reduce the number of appointments from such graduates below ten in each year, nor deprive of such appointment any graduate who may complete the six years' course during the year eighteen hundred and eighty-two. And if there be a surplus of graduates, those who do not receive such appointment shall be given a certificate of graduation, an honorable discharge, and one year's sea

pay, as now provided by law for cadet midshipmen; and so much of section fifteen hundred and twenty-one of the Revised Statutes as is inconsistent herewith is hereby repealed."

"That any cadet whose position in his class entitles him to be retained in the service may, upon his own application, be honorably discharged at the end of the four years' course at the Naval Academy, with a proper certificate of graduation."

In 1886 a special course of instruction in physiology and hygiene was established, in accordance with an act of Congress approved May 20 of that year.

The act of Congress approved March 2, 1889, provides that "the academic board of the Naval Academy shall on or before the thirtieth day of September in each year separate the first class of naval cadets then commencing their fourth year into two divisions, as they may have shown special aptitude for the duties of the respective corps, in the proportion which the aggregate number of vacancies occurring in the preceding fiscal year ending on the thirtieth day of June in the lowest grade of commissioned officers of the Line of the Navy and Marine Corps of the Navy shall bear to the number of vacancies to be supplied from the academy occurring during the same period in the lowest grade of commissioned officers of the Engineer Corps of the Navy; and the cadets so assigned to the Line and Marine Corps division of the first class shall thereafter pursue a course of study arranged to fit them for service in the Line of the Navy, and the cadets so assigned to the Engineer Corps division of the first class shall thereafter pursue a separate course of study arranged to fit them for service in the Engineer Corps of the Navy, and the cadets shall thereafter, and until final graduation at the end of their six years' course, take rank by merit with those in the same division according to the merit marks; and from the final graduates of the Line and Marine Corps division, at the end of their six years' course, appointments shall be made hereafter as it shall be necessary to fill vacancies in the lowest grades of commissioned officers of the Line of the Navy and Marine Corps; and the vacancies in the lowest grades of the commissioned officers of the Engineer Corps of the Navy shall be filled in like manner by appointments from the final graduates of the engineer division at the end of their six years' course: *Provided*, That no greater number of appointments into the said lowest grades of commissioned officers shall be made each year than shall equal the number of vacancies which shall have occurred in the same grades during the fiscal year then current; such appointments to be made from the final graduates of the year, in the order of merit as determined by the academic board of the Naval Academy, the assignment to be made by the Secretary of the Navy upon the recommendation of the academic board at the conclusion of the fiscal year then current; but nothing contained herein or in the naval appropriation act of August fifth, eighteen hundred and eighty-two, shall reduce the number of appointments of final graduates at the end of their six years' course below twelve in each year to the Line of the Navy and not less than two shall be appointed annually to the Engineer Corps of the Navy, nor less than one annually to the Marine Corps; and if the number of vacancies in the lowest grades aforesaid occurring in any year shall be greater than the number of final graduates of that year the surplus vacancies shall be filled from the final graduates of following years as they shall become available.

"That after the fourth day of March, eighteen hundred and ninety-nine, the minimum age of admission of cadets to the academy shall be fifteen years and the maximum age twenty years."

In October, 1897, a post-graduate course in naval architecture for the education of officers for the Construction Corps of the Navy was established; and a class was formed from the naval cadets that had finished the four years' course in that year.

By an act of Congress approved March 3, 1899, "the officers constituting the Engineer Corps of the Navy" were "transferred to the Line of the Navy," thereby repealing so much of the act of Congress approved March 2, 1889, as relates to the separation of naval cadets of the first class into line and engineer divisions.

This same act having limited the number of constructors in the Navy to 40, the post-graduate course in naval architecture was discontinued.

By an act of Congress approved June 7, 1900, it was provided that—

“Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his congressional district or at large in accordance with the existing law.”

By an act of Congress approved July 1, 1902, it was provided that—

“The title ‘naval cadet’ is hereby changed to ‘midshipman.’

“That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State.”

By an act of Congress approved March 3, 1903, it was provided that—

“There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: *Provided*, That the additional congressional appointments authorized by this act shall be made at such time as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman: *Provided further*, That members of the Fifty-seventh Congress who will not be Members of the Fifty-eighth Congress, and in whose districts or States, appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this act make the additional appointments herein provided for.

“The Secretary of the Navy shall, as soon as practicable after the fifth day of March in each year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, district, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendations shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, district, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State, district, or Territory in which the vacancy exists and shall have the qualifications otherwise prescribed by law: *And provided further*, That the Superintendent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or countenancing such practice shall be summarily expelled from the academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a commissioned officer in the Army or Navy or Marine Corps until two years after the graduation of the class of which he was a member.

“That the provisions of this act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

“That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the Governor of Porto Rico.

“That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years.”

An act of Congress approved April 9, 1906, reads as follows:

"AN ACT Granting authority to the Secretary of the Navy, in his discretion, to dismiss midshipmen from the United States Naval Academy and regulating the procedure and punishment in trials for hazing at the said academy."

*"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That it shall be the duty of the Superintendent of the United States Naval Academy, whenever he shall believe the continued presence of any midshipman at the said academy to be contrary to the best interests of the service, to report in writing such fact, with a full statement of the facts upon which are based his reasons for such belief, to the Secretary of the Navy, who, if after due consideration of the said report he shall deem the superintendent's said belief reasonable and well founded, shall cause a copy of the said report to be served upon the said midshipman and require the said midshipman to show cause, in writing and within such time as the said Secretary shall deem reasonable, why he should not be dismissed from the said academy; and after due consideration of any cause so shown the said Secretary may, in his discretion, but with the written approval of the President, dismiss such midshipman from the said academy. And the truth of any issue of fact so raised, except upon the record of demerit, shall be determined by a board of inquiry convened by the Secretary of the Navy under the rules and regulations for the government of the Navy.

"SEC. 2. That so much of the acts approved June twenty-third, eighteen hundred and seventy-four, and March third, nineteen hundred and three, as requires the Superintendent of the United States Naval Academy to convene a court-martial in all cases when it shall come to the knowledge of the said superintendent that any midshipman has been guilty of the offense commonly known as 'hazing,' and declares the finding of a court-martial so convened, when approved by the said superintendent, final, and directs that any midshipman found guilty by such court-martial shall be summarily dismissed from the said academy, and also all other acts or parts of acts inconsistent with the present act are hereby repealed, and that the offense known as 'hazing' may hereafter be proceeded against, dealt with, and punished as offenses against good order and discipline and for violation and breaches of the rules of said academy. But no midshipman shall be dismissed for a single act of hazing except under the provisions of section three of this act.

"SEC. 3. That the Superintendent of the United States Naval Academy may, in his discretion, and with the approval of the Secretary of the Navy, cause any midshipman in the said academy to be tried by court-martial for the offense of hazing, as provided by the act approved June twenty-third, eighteen hundred and seventy-four, and such court-martial, upon conviction, may sentence such midshipman to any punishment authorized by the said act or by the act approved March third, nineteen hundred and three, or authorized for any violation or breach of the rules of the said academy by the said rules, or in cases of brutal or cruel hazing may, in addition to dismissal, sentence such midshipman to imprisonment for a period not exceeding one year: *Provided*, That such midshipman shall not be confined in a military or naval prison or elsewhere with men who have been convicted of crimes or misdemeanors; and such finding and sentence shall be subject to review by the convening authority and by the Secretary of the Navy, as in the cases of other courts-martial.

"SEC. 4. That the offense of 'hazing,' as mentioned in this act, shall consist of any unauthorized assumption of authority by one midshipman over another midshipman whereby the last-mentioned midshipman shall or may suffer or be exposed to suffer any cruelty, indignity, humiliation, hardship, or oppression, or the deprivation or abridgement of any right, privilege or advantage to which he shall be legally entitled.

"SEC. 5. That it shall be the duty of every professor, assistant professor, academic officer, or any cadet officer or cadet petty officer, or instructor, as well as every other

officer stationed at the United States Naval Academy, to promptly report to the superintendent thereof any fact which comes to his attention tending to indicate any violation by a midshipman or midshipmen of any of the provisions of this act or any violation of the regulations of the said academy. Any naval officer attached to the academy who shall fail to make such report as provided in this section shall be tried by court-martial for neglect of duty, and if convicted he shall be dismissed from the service. Any civilian instructor attached to the academy who shall fail to make such report as provided in this section shall be dismissed by the superintendent of the academy upon the approval of the Secretary of the Navy.

"Sec. 6. That this act shall take effect from the date of its approval, but no midshipman now connected with the United States Naval Academy shall, by reason of its enactment, be punished for any offense heretofore committed otherwise than in pursuance of the sentence of a court-martial (if, by existing law, such sentence would be now necessary for such punishment) or punished more severely than is now by law allowed for any offense heretofore committed: *Provided*, That any midshipman now in said Naval Academy may waive his right to trial by court-martial under existing law for any offense of hazing heretofore committed and may accept punishment under the provisions of section two of this act."

By an act of Congress approved June 29, 1906, it was provided that—

"Hereafter the Secretary of the Navy shall as soon as possible after the first day of June of each year preceding the graduation of midshipmen in the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory in which the vacancy will exist and of legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. The candidates allowed for the District of Columbia and all candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: *Provided*, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

"No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted."

By an act of Congress approved March 7, 1912, it was provided—

"That the course at the Naval Academy shall be four years, and midshipmen on graduation shall be commissioned ensigns: *Provided*, That midshipmen now performing two years' service at sea in accordance with existing law shall be commissioned forthwith as ensigns from the date of the passage of this act: *And provided*, That those midshipmen of the class which was graduated in nineteen hundred and nine, who have completed two years' service afloat, and who are due for promotion, shall be commissioned ensigns to take rank with the other members of their class, accord-

ing to their standing as determined by their final multiples, respectively, for the six years' course, from the fifth day of June, nineteen hundred and eleven, the date of rank to which they were entitled prior to the passage of this act: *And provided further*, That no back pay or allowances shall result by reason of the passage of this act."

The class graduating from the Naval Academy June, 1912, was the first class to be graduated as ensigns.

By an act of Congress approved July 9, 1913, it was provided—

"That after June thirtieth, nineteen hundred and thirteen, and until June thirtieth, nineteen hundred and nineteen, there shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, and ten appointed each year at large: *Provided*: That midshipmen on graduation shall be commissioned ensigns in the Navy or may be assigned by the Secretary of the Navy to fill vacancies in the lowest commissioned grades of the Marine Corps or Staff Corps of the Navy."

By an act of Congress passed June 30, 1914, it was provided—

"Hereafter, in addition to the appointments of midshipmen to the United States Naval Academy as now prescribed by law, the Secretary of the Navy is allowed fifteen appointments annually from the enlisted men of the Navy who are citizens of the United States and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination required before entrance under existing law."

## SUPERINTENDENTS OF THE UNITED STATES NAVAL ACADEMY.

|   | Assumed command. |
|---|------------------|
| Commander Franklin Buchanan.....            | Sept. 3, 1845    |
| Commander George P. Upshur.....             | Mar. 15, 1847    |
| Commander Cornelius K. Stribling.....       | July 1, 1850     |
| Commander Louis M. Goldsborough.....        | Nov. 1, 1853     |
| Captain George S. Blake .....               | Sept. 15, 1857   |
| Rear Admiral David D. Porter.....           | Sept. 9, 1865    |
| Commodore John L. Worden.....               | Dec. 1, 1869     |
| Rear Admiral Christopher R. P. Rodgers..... | Sept. 22, 1874   |
| Commodore Foxhall A. Parker.....            | July 1, 1878     |
| Rear Admiral George B. Balch.....           | Aug. 2, 1879     |
| Rear Admiral Christopher R. P. Rodgers..... | June 13, 1881    |
| Captain Francis M. Ramsay .....             | Nov. 14, 1881    |
| Commander William T. Sampson.....           | Sept. 9, 1886    |
| Captain Robert L. Phythian .....            | June 13, 1890    |
| Captain Philip H. Cooper .....              | Nov. 15, 1894    |
| Rear Admiral Frederick V. McNair.....       | July 15, 1898    |
| Commander Richard Wainwright.....           | Mar. 15, 1900    |
| Captain Willard H. Brownson .....           | Nov. 6, 1902     |
| Rear Admiral James H. Sands.....            | July 1, 1905     |
| Captain Charles J. Badger .....             | July 15, 1907    |
| Captain John M. Bowyer .....                | June 10, 1909    |
| Captain John H. Gibbons .....               | May 15, 1911     |
| Captain William F. Fullam .....             | Feb. 7, 1914     |
| Captain Edward W. Eberle.....               | Sept. 20, 1915   |

## BOARD OF VISITORS.

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ANNUAL EXAMINATION, 1915

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### SENATORS.

Hon. Benjamin R. Tillman, United States Senator from South Carolina.  
Hon. Boies Penrose, United States Senator from Pennsylvania.

### REPRESENTATIVES.

Hon. J. Fred C. Talbott, Representative from Maryland.  
Hon. William J. Browning, Representative from New Jersey.  
Hon. William E. Williams, Representative from Illinois.  
Hon. Ernest W. Roberts, Representative from Massachusetts.

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President—Hon. Benjamin R. Tillman, United States Senator from South Carolina.  
Secretary—Lieutenant (J. G.) D. C. Patterson, jr., United States Navy.

## ACADEMIC CALENDAR, 1915-16.

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1915.

Oct. 1.....Beginning of first term.....Friday.

1916.

Jan. 24-29.....Semiannual examinations.....Monday-Saturday.

Jan. 29.....End of first term.....Saturday.

Jan. 31.....Beginning of second term.....Monday.

Feb. 15.....Examination of candidates.....Tuesday.

Apr. 18.....Examination of candidates.....Tuesday.

May 22-27.....Annual examinations.....Monday-Saturday.

May 31.....End of academic year, 1915-16.....Wednesday.

May 29-June 3...Graduation week.....Monday-Saturday.

June 5.....Beginning of summer term.....Monday.

Sept. 30.....End of summer term.....Saturday.

Oct. 1.....Beginning of academic year, 1916-17.....Sunday.

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The academic months end on the following days:

|               |         |               |         |
|---------------|---------|---------------|---------|
| October.....  | Oct. 30 | February..... | Feb. 26 |
| November..... | Nov. 27 | March.....    | Mar. 25 |
| December..... | Dec. 25 | April.....    | Apr. 22 |
| January.....  | Jan. 22 | May.....      | May 20  |

# Calendar for 1915 and 1916

BOLD FIGURES DENOTE END OF ACADEMIC MONTH

| SEPTEMBER |    |    |    |    |    |    | APRIL     |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|
| Su.       | M. | T. | W. | T. | F. | S. | Su.       | M. | T. | W. | T. | F. | S. |
|           |    |    | 1  | 2  | 3  | 4  |           |    |    |    |    |    | 1  |
| 5         | 6  | 7  | 8  | 9  | 10 | 11 | 2         | 3  | 4  | 5  | 6  | 7  | 8  |
| 12        | 13 | 14 | 15 | 16 | 17 | 18 | 9         | 10 | 11 | 12 | 13 | 14 | 15 |
| 19        | 20 | 21 | 22 | 23 | 24 | 25 | 16        | 17 | 18 | 19 | 20 | 21 | 22 |
| 26        | 27 | 28 | 29 | 30 |    |    | 23        | 24 | 25 | 26 | 27 | 28 | 29 |
|           |    |    |    |    |    |    | 30        |    |    |    |    |    |    |
| OCTOBER   |    |    |    |    |    |    | MAY       |    |    |    |    |    |    |
|           |    |    |    |    | 1  | 2  |           |    |    |    |    |    | 3  |
| 3         | 4  | 5  | 6  | 7  | 8  | 9  | 7         | 8  | 9  | 10 | 11 | 12 | 13 |
| 10        | 11 | 12 | 13 | 14 | 15 | 16 | 14        | 15 | 16 | 17 | 18 | 19 | 20 |
| 17        | 18 | 19 | 20 | 21 | 22 | 23 | 21        | 22 | 23 | 24 | 25 | 26 | 27 |
| 24        | 25 | 26 | 27 | 28 | 29 | 30 | 28        | 29 | 30 | 31 |    |    |    |
| 31        |    |    |    |    |    |    |           |    |    |    |    |    |    |
| NOVEMBER  |    |    |    |    |    |    | JUNE      |    |    |    |    |    |    |
|           | 1  | 2  | 3  | 4  | 5  | 6  |           |    |    | 1  | 2  | 3  |    |
| 7         | 8  | 9  | 10 | 11 | 12 | 13 | 4         | 5  | 6  | 7  | 8  | 9  | 10 |
| 14        | 15 | 16 | 17 | 18 | 19 | 20 | 11        | 12 | 13 | 14 | 15 | 16 | 17 |
| 21        | 22 | 23 | 24 | 25 | 26 | 27 | 18        | 19 | 20 | 21 | 22 | 23 | 24 |
| 28        | 29 | 30 |    |    |    |    | 25        | 26 | 27 | 28 | 29 | 30 |    |
| DECEMBER  |    |    |    |    |    |    | JULY      |    |    |    |    |    |    |
|           |    |    | 1  | 2  | 3  | 4  |           |    |    |    |    |    | 1  |
| 5         | 6  | 7  | 8  | 9  | 10 | 11 | 2         | 3  | 4  | 5  | 6  | 7  | 8  |
| 12        | 13 | 14 | 15 | 16 | 17 | 18 | 9         | 10 | 11 | 12 | 13 | 14 | 15 |
| 19        | 20 | 21 | 22 | 23 | 24 | 25 | 16        | 17 | 18 | 19 | 20 | 21 | 22 |
| 26        | 27 | 28 | 29 | 30 | 31 |    | 23        | 24 | 25 | 26 | 27 | 28 | 29 |
|           |    |    |    |    |    |    | 30        | 31 |    |    |    |    |    |
| JANUARY   |    |    |    |    |    |    | AUGUST    |    |    |    |    |    |    |
|           |    |    |    |    |    | 1  |           |    | 1  | 2  | 3  | 4  | 5  |
| 2         | 3  | 4  | 5  | 6  | 7  | 8  | 6         | 7  | 8  | 9  | 10 | 11 | 12 |
| 9         | 10 | 11 | 12 | 13 | 14 | 15 | 13        | 14 | 15 | 16 | 17 | 18 | 19 |
| 16        | 17 | 18 | 19 | 20 | 21 | 22 | 20        | 21 | 22 | 23 | 24 | 25 | 26 |
| 23        | 24 | 25 | 26 | 27 | 28 | 29 | 27        | 28 | 29 | 30 | 31 |    |    |
| 30        | 31 |    |    |    |    |    |           |    |    |    |    |    |    |
| FEBRUARY  |    |    |    |    |    |    | SEPTEMBER |    |    |    |    |    |    |
|           |    | 1  | 2  | 3  | 4  | 5  |           |    |    |    | 1  | 2  |    |
| 6         | 7  | 8  | 9  | 10 | 11 | 12 | 3         | 4  | 5  | 6  | 7  | 8  | 9  |
| 13        | 14 | 15 | 16 | 17 | 18 | 19 | 10        | 11 | 12 | 13 | 14 | 15 | 16 |
| 20        | 21 | 22 | 23 | 24 | 25 | 26 | 17        | 18 | 19 | 20 | 21 | 22 | 23 |
| 27        | 28 | 29 |    |    |    |    | 24        | 25 | 26 | 27 | 28 | 29 | 30 |
| MARCH     |    |    |    |    |    |    | OCTOBER   |    |    |    |    |    |    |
|           |    |    | 1  | 2  | 3  | 4  |           |    |    |    |    |    |    |
| 5         | 6  | 7  | 8  | 9  | 10 | 11 | 1         | 2  | 3  | 4  | 5  | 6  | 7  |
| 12        | 13 | 14 | 15 | 16 | 17 | 18 | 8         | 9  | 10 | 11 | 12 | 13 | 14 |
| 19        | 20 | 21 | 22 | 23 | 24 | 25 | 15        | 16 | 17 | 18 | 19 | 20 | 21 |
| 26        | 27 | 28 | 29 | 30 | 31 |    | 22        | 23 | 24 | 25 | 26 | 27 | 28 |
|           |    |    |    |    |    |    | 29        | 30 | 31 |    |    |    |    |



# OFFICERS, NAVAL AND CIVIL, ATTACHED TO THE UNITED STATES NAVAL ACADEMY, 1915-16.

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## ACADEMIC STAFF.

*Superintendent,*

CAPTAIN EDWARD W. EBERLE.

*Aid to Superintendent and Secretary Academic Board,*

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*Secretary of the Naval Academy,*

MR. PETER H. MAGRUDER.

*Executive,*

COMMANDER LOUIS M. NULTON, *Commandant of Midshipmen and Head of Department.*

*Senior Assistant to Commandant of Midshipmen,*

LIEUT. COMMANDER SINCLAIR GANNON.

*Executive Officers.*

LIEUT. COMMANDER JOHN DOWNES.

LIEUT. MARTIN K. METCALF.

LIEUT. WILLIAM F. HALSEY, Jr.

LIEUT. ROBERT L. GHORMLEY.

LIEUT. FRANK J. FLETCHER.

*Physical Training.*

LIEUT. CHARLES E. SMITH, *in charge.*

LIEUT. (JUNIOR GRADE) JONAS H. INGRAM.

PASSED ASST. SURGEON ROBERT G. HEINER.

INSTRUCTOR IN PHYSICAL TRAINING  
LOUIS H. MANG.

INSTRUCTOR IN PHYSICAL TRAINING  
JOHN SCHUTZ.

ASST. INSTRUCTOR IN PHYSICAL TRAINING  
FRANK J. SAZAMA.

SWORDMASTER GEORGE HEINTZ, Jr.

ASST. SWORDMASTER FRANK DARRIE-  
ULAT.

ASST. SWORDMASTER JOHN W. WALLEN.

INSTRUCTOR IN GYMNASTICS OTTO  
BOHMKE.

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*Instructors.*

LIEUT. COMMANDER BENYAURD B. WY-  
GANT.

LIEUT. RICHARD WAINWRIGHT, Jr.<sup>3</sup>

LIEUT. FREDERICK V. MCNAIR.<sup>3</sup>

LIEUT. ROSCOE F. DILLEN.<sup>3</sup>

LIEUT. (JUNIOR GRADE) JOHN R. BEARD-  
ALL.<sup>3</sup>

CHIEF BOATSWAIN FREDERICK MEYER.

## ORDNANCE AND GUNNERY.

COMMANDER RALPH EARLE, *Head of Department.**Instructors.*

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| LIEUT. COMMANDER THOMAS L. JOHNSON. <sup>1</sup>      | LIEUT. (JUNIOR GRADE) NEWTON L. NICHOLS. <sup>2</sup>   |
| LIEUT. (JUNIOR GRADE) WILLIAM S. FARBER. <sup>2</sup> | LIEUT. (JUNIOR GRADE) WILLIAMS C. WICKHAM. <sup>2</sup> |
| LIEUT. (JUNIOR GRADE) WILLIAM T. SMITH. <sup>2</sup>  | CHIEF GUNNER JAMES DONALD.                              |
|   | CHIEF GUNNER ROBERT E. COX.                             |

## NAVIGATION.

COMMANDER J. F. HINES, *Head of Department.**Instructors.*

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| LIEUT. COMMANDER EDWARD B. FENNER.                   | LIEUT. (JUNIOR GRADE) CHARLES M. JAMES. <sup>3 5</sup> |
| LIEUT. COMMANDER JOHN T. BOWERS. <sup>5</sup>        | LIEUT. (JUNIOR GRADE) ROBERT E. ROGERS. <sup>3 5</sup> |
| LIEUT. COMMANDER HUGO W. OSTERHAUS. <sup>5</sup>     | LIEUT. (JUNIOR GRADE) HARRY H. FORGUS. <sup>3 5</sup>  |
| LIEUT. (JUNIOR GRADE) ELMER W. TOD. <sup>5</sup>     |  |
| LIEUT. (JUNIOR GRADE) KIRKWOOD H. DONAVIN.           |  |
| LIEUT. (JUNIOR GRADE) DONALD T. HUNTER. <sup>5</sup> |  |

## MARINE ENGINEERING AND NAVAL CONSTRUCTION.

COMMANDER WAT T. CLUVERIUS, *Head of Department.**Instructors.*

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| LIEUT. COMMANDER HILARY H. ROYALL.         | LIEUT. (JUNIOR GRADE) CHARLES L. BEST.        |
| LIEUT. COMMANDER GEORGE J. MEYERS.         | LIEUT. (JUNIOR GRADE) EDDIE J. ESTESS.        |
| LIEUT. JOHN S. ABBOTT.                     | LIEUT. (JUNIOR GRADE) LESLIE C. DAVIS.        |
| LIEUT. GEORGE W. KENYON.                   | LIEUT. (JUNIOR GRADE) MAX B. DEMOTT.          |
| LIEUT. (JUNIOR GRADE) THOMAS A. SYMINGTON. | LIEUT. (JUNIOR GRADE) CHARLES C. DAVIS.       |
| LIEUT. (JUNIOR GRADE) RALPH R. STEWART.    | LIEUT. (JUNIOR GRADE) CLIFFORD E. VAN HOOK.   |
| LIEUT. (JUNIOR GRADE) RALPH C. PARKER.     | LIEUT. (JUNIOR GRADE) ROBERT P. GUILER.       |
| LIEUT. (JUNIOR GRADE) SAMUEL L. HENDERSON. | PROFESSOR OF MATHEMATICS THEODORE W. JOHNSON. |
| LIEUT. (JUNIOR GRADE) SAMUEL A. CLEMENT.   | CHIEF MACHINIST THOMAS D. HEALY.              |
| LIEUT. (JUNIOR GRADE) ANDREW D. DENNY.     | MACHINIST RUFUS H. BUSH.                      |

## MATHEMATICS AND MECHANICS.

COMMANDER ROSCOE C. MOODY, *Head of Department.**Instructors.*

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| LIEUT. HENRY K. HEWITT.                      | PROF. ANGELO HALL, A. B., S. T. B.   |
| LIEUT. (JUNIOR GRADE) WILLIAM R. SMITH.      | PROF. CHARLES L. LEIPER.             |
| LIEUT. (JUNIOR GRADE) COMFORT B. PLATT.      | INSTRUCTOR PAUL CAPRON, A. B., A. M. |
| PROFESSOR OF MATHEMATICS DANIEL M. GARRISON. | INSTRUCTOR WILLIAM J. KING, A. M.    |
| PROFESSOR OF MATHEMATICS HERBERT L. RICE.    | INSTRUCTOR WALTER C. EELLS, A. M.    |
|  | INSTRUCTOR JAMES B. EPPES, B. S.     |

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| LIEUT. COMMANDER BURRELL C. ALLEN.             | LIEUT. (JUNIOR GRADE) LEE P. JOHNSON.                        |
| LIEUT. COMMANDER HENRY G. S. WALLACE.          | LIEUT. (JUNIOR GRADE) CHAUNCEY A. LUCAS.                     |
| LIEUT. RICHARD S. EDWARDS.                     | PROFESSOR OF MATHEMATICS PAUL J. DASHIELL. <sup>1</sup>      |
| LIEUT. (JUNIOR GRADE) JOHN W. RANKIN.          | PROFESSOR OF MATHEMATICS GUY K. CALHOUN.                     |
| LIEUT. (JUNIOR GRADE) WILLIAM W. TURNER.       | PROF. WILLIAM H. KADESCH. B. S., Ph. M., Ph. D. <sup>1</sup> |
| LIEUT. (JUNIOR GRADE) ELWIN F. CUTTS.          | CHIEF GUNNER RICHARD O. WILLIAMS.                            |
| LIEUT. (JUNIOR GRADE) FRANCIS W. ROCKWELL.     |  |
| LIEUT. (JUNIOR GRADE) WILLIAM D. BRERETON, Jr. |  |

## ENGLISH.

COMMANDER JAMES J. RABY, *Head of Department.**Instructors.*

|   |  |
|---|--|
| LIEUT. WALTER F. JACOBS.                          | INSTRUCTOR HAROLD C. WASHBURN, A. B.       |
| LIEUT. CHARLES C. GILL.                           | INSTRUCTOR WALTER B. NORRIS, A. B.         |
| LIEUT. (JUNIOR GRADE) HOWARD B. MECLEARY.         | INSTRUCTOR HERMAN F. KRAFFT, A. B., LL. B. |
| LIEUT. (JUNIOR GRADE) SOLOMON ENDEL. <sup>2</sup> | INSTRUCTOR CAROL H. FOSTER, A. M.          |
| PROF. WILLIAM O. STEVENS, Ph. D.                  | INSTRUCTOR ALLAN F. WESTCOTT, Ph.D.        |
| INSTRUCTOR CARROLL S. ALDEN, Ph. D.               | INSTRUCTOR THOMAS H. WADE, A. M.           |
| INSTRUCTOR HORACE J. FENTON, A. M., LL. B.        |  |

## MODERN LANGUAGES.

COMMANDER HENRY H. HOUGH, *Head of Department.**Instructors.*

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| LIEUT. (JUNIOR GRADE) DAVID C. PATTERSON, Jr.            | PROF. ARTURO FERNANDEZ.                       |
| LIEUT. (JUNIOR GRADE) HENRY B. LeBOURGEOIS. <sup>3</sup> | INSTRUCTOR WILLIAM E. OLIVET.                 |
| PROFESSOR OF MATHEMATICS CARLOS V. CUSACHS.              | INSTRUCTOR MOLTON A. COLTON, A. B.            |
| PROF. P. JEAN DES GARENNES, A. B., A. M.                 | INSTRUCTOR LUCIEN L. R. FOURNON, A. B., B. S. |
| PROF. PAUL E. VOINOT.                                    | INSTRUCTOR JOSÉ MARTEL, A. B.                 |
| PROF. GASTON COSTET.                                     | INSTRUCTOR JULIAN M. LACALLE, A. B.           |
|  | INSTRUCTOR GARIBALDI LAGUARDIA, A. B., A. M.  |

## NAVAL HYGIENE AND PHYSIOLOGY.

MEDICAL DIRECTOR ALBERT M. D. McCORMICK, *Head of Department.*<sup>6</sup>

## OFFICERS NOT ATTACHED TO ACADEMIC STAFF.

---

COMMANDER JOEL R. P. PRINGLE, *Assistant to Superintendent in Charge of Buildings and Grounds.*

SURG. CHARLES P. KINDLEBERGER.

PASSED ASST. SURG. REYNOLDS HAYDEN.

PASSED ASST. SURG. GEORGE B. TRIBLE.

PASSED ASST. SURG. ANDREW B. DAVIDSON.

DENTAL SURG. RICHARD GRADY.

ACTING ASST. DENTAL SURG. CORNELIUS H. MACK.

PAY DIRECTOR JOHN R. MARTIN, *Pay Officer and Supply Officer.*

PAY INSPECTOR SAMUEL BRYAN, *Midshipmen's Storekeeper.*

PASSED ASST. PAYMASTER SPENCER E. DICKINSON, *Pay Officer Ships, N. A., and Assistant to Supply Officer.*

PASSED ASST. PAYMASTER DALLAS B. WAINWRIGHT, JR., *Midshipmen's Pay Officer and Commissary.*

CHAPLAIN SYDNEY K. EVANS.

PROFESSOR OF MATHEMATICS NATHANIEL M. TERRY.

PROFESSOR OF MATHEMATICS WILLIAM W. JOHNSON.

ASSISTANT CIVIL ENGINEER RALPH WHITMAN.

BOATSWAIN JAMES J. JOYCE, *Special Duty, Pay Office, and Yard Craft.*

CHIEF MACHINIST CHARLES H. GILHULEY, *Special Duty, Yard Craft.*

CHIEF CARPENTER CLIFTON GREENWELL, *Special Duty, Yard Craft.*

CHIEF PHARMACIST JOSEPH F. PEARSON, *Dispensary.*

CHIEF PAY CLERK THOMAS A. HENRY, *Clerk to Supply Officer.*

CHIEF PAY CLERK HARRY PRICE, *Clerk to Midshipmen's Storekeeper.*

PAY CLERK EUGENE K. BROOKS, JR., *Clerk to Pay Officer.*

PAY CLERK MARCUS E. WEST, *Clerk to Commissary.*

PROF. ARTHUR N. BROWN, *Librarian.*

MR. JULIAN M. SPENCER, *Assistant Librarian.*

MR. RICHARD J. DUVAL, *Cataloguer.*

### U. S. S. "REINA MERCEDES," STATION SHIP.

COMMANDER HARLEY H. CHRISTY, *Commanding.*

BOATSWAIN HORACE DEB. DOUGHERTY.

BOATSWAIN WARREN K. BIGGER.

CHIEF MACHINIST DAVID W. HARRY.

CHIEF PAY CLERK GEORGE A. WILCOX.

### RESERVE TORPEDO DIVISION.

LIEUT. CHARLES M. AUSTIN, *Commander.*

U. S. S. *Bailey.*

U. S. S. *Biddle.*

U. S. S. *Barney.*

## POSTGRADUATE DEPARTMENT.

LIEUT. COMMANDER JOHN HALLIGAN, JR., *Head of Department.**Instructors.*

|  |                                    |
|--|------------------------------------|
| PROF. HAROLD A. EVERETT, S. B.               | INSTRUCTOR JAMES G. RUSSELL, S. B. |
| PROF. RALPH E. ROOT, S. B., M. S., Ph. D.    | INSTRUCTOR HARRY B. LINDSAY, S. B. |
| PROF. LEONARD A. DOGGETT, A. B.,<br>M. E. E. |                                    |

*Under Instruction.*

|   |   |
|---|---|
| LIEUT. (JUNIOR GRADE) TIMOTHY J. KELEHER.   | LIEUT. (JUNIOR GRADE) WARREN L. MOORE.          |
| LIEUT. (JUNIOR GRADE) FRED T. BERRY.        | LIEUT. (JUNIOR GRADE) WALTER D. SEED, JR.       |
| LIEUT. (JUNIOR GRADE) HAROLD S. BURDICK.    | LIEUT. (JUNIOR GRADE) JAMES B. WILL.            |
| LIEUT. (JUNIOR GRADE) LEO L. LINDEY.        | LIEUT. (JUNIOR GRADE) HARRY W. HOSFORD.         |
| LIEUT. (JUNIOR GRADE) HAROLD C. TRAIN.      | LIEUT. (JUNIOR GRADE) FRANCIS G. MARSH.         |
| LIEUT. (JUNIOR GRADE) WALLACE L. LIND.      | LIEUT. (JUNIOR GRADE) EARLE C. METZ.            |
| LIEUT. (JUNIOR GRADE) CLAUDE S. GILLETTE.   | LIEUT. (JUNIOR GRADE) HERBERT W. UNDERWOOD.     |
| LIEUT. (JUNIOR GRADE) STUART S. BROWN.      | LIEUT. (JUNIOR GRADE) LYAL A. DAVIDSON.         |
| LIEUT. (JUNIOR GRADE) CHARLES H. MORRISON.  | LIEUT. (JUNIOR GRADE) ALSTON R. SIMPSON.        |
| LIEUT. (JUNIOR GRADE) CHARLES M. COOKE, JR. | LIEUT. (JUNIOR GRADE) DONALD B. BEARY.          |
| LIEUT. (JUNIOR GRADE) MERVYN S. BENNION.    | LIEUT. (JUNIOR GRADE) JOHN H. WELLBROCK.        |
| LIEUT. (JUNIOR GRADE) WALTER E. BROWN.      | LIEUT. (JUNIOR GRADE) CHARLES A. POWNALL.       |
| LIEUT. (JUNIOR GRADE) CHESTER C. JERSEY.    | LIEUT. (JUNIOR GRADE) LORAIN ANDERSON.          |
| LIEUT. (JUNIOR GRADE) HOWARD K. LEWIS.      | LIEUT. (JUNIOR GRADE) FRANKLIN VAN VALKENBURGH. |

## ENGINEERING EXPERIMENT STATION.

CAPT. THOMAS W. KINKAID, *Head of Station.*  
 LIEUT. HARRY A. STUART.  
 LIEUT. (JUNIOR GRADE) JAMES L. KAUFFMAN.

## NAVAL HOSPITAL.

MEDICAL DIRECTOR JAMES G. FIELD, *In Command.*

SURG. JOHN H. IDEN.

SURG. ISAAC S. K. REEVES.

CHIEF PHARMACIST JOHN W. WOOD.

## MARINE BARRACKS.

COL. ELI K. COLE, *Absent on Temporary Foreign Duty.*

MAJ. ROBERT H. DUNLAP, *Absent on Temporary Foreign Duty.*

CAPT. JOHN W. WADLEIGH, *Temporarily in Command.*

CAPT. DOUGLAS C. MCDUGAL, *Absent on Temporary Foreign Duty.*

CAPT. CHANDLER CAMPBELL, *Absent on Temporary Foreign Duty.*

CAPT. EUGENE P. FORTSON, *Absent on Temporary Foreign Duty.*

CAPT. ROBERT O. UNDERWOOD, *Absent on Temporary Foreign Duty.*

FIRST LIEUT. VICTOR I. MORRISON, *Absent on Temporary Foreign Duty.*

FIRST LIEUT. HOWARD W. STONE, *Absent on Temporary Foreign Duty.*

FIRST LIEUT. CHESTER L. GAWNE, *Absent on Temporary Foreign Duty.*

FIRST LIEUT. THOMAS E. THRASHER, JR., *Absent on Temporary Foreign Duty.*

FIRST LIEUT. WOOLMAN G. EMORY, *Absent on Temporary Foreign Duty.*

SECOND LIEUT. ALBERT R. SUTHERLAND, *Absent on Temporary Foreign Duty.*

SECOND LIEUT. DAVID S. BARRY, JR., *Absent on Temporary Foreign Duty.*

SECOND LIEUT. DOUGLAS B. ROBEN, *Absent on Temporary Foreign Duty.*

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EXPLANATORY NOTES.

- 1 Additional duty postgraduate department.
- 2 Additional duty in department of seamanship.
- 3 Additional duty in department of ordnance and gunnery.
- 5 Additional duty in department of mathematics and mechanics.
- 6 Additional duty in department of senior medical officer.



## ACADEMIC BOARD.

---

THE SUPERINTENDENT.

THE COMMANDANT OF MIDSHIPMEN.

THE HEAD OF THE DEPARTMENT OF SEAMANSHIP.

THE HEAD OF THE DEPARTMENT OF ORDNANCE AND GUNNERY.

THE HEAD OF THE DEPARTMENT OF NAVIGATION.

THE HEAD OF THE DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION.

THE HEAD OF THE DEPARTMENT OF MATHEMATICS AND MECHANICS.

THE HEAD OF THE DEPARTMENT OF ELECTRICAL ENGINEERING AND PHYSICS.

THE HEAD OF THE DEPARTMENT OF ENGLISH.

THE HEAD OF THE DEPARTMENT OF MODERN LANGUAGES.

THE HEAD OF THE DEPARTMENT OF NAVAL HYGIENE AND PHYSIOLOGY.



# REGIMENTAL OFFICERS OF THE UNITED STATES NAVAL ACADEMY, 1915-16.

---

MIDSHIPMAN COMMANDER,

MULLINNIX, H. M.

MIDSHIPMAN LIEUTENANT AND REGIMENTAL ADJUTANT,

HOLCOMBE, B. R.

MIDSHIPMAN JUNIOR LIEUTENANT AND REGIMENTAL COMMISSARY,

BORDEN, W. E., Jr.

MIDSHIPMAN JUNIOR LIEUTENANT AND REGIMENTAL ORDNANCE OFFICER,

SAFFORD, L. F.

MIDSHIPMAN JUNIOR LIEUTENANT AND REGIMENTAL SIGNAL OFFICER,

SITZ, W. H.

MIDSHIPMAN ENSIGN AND AID,

WHITE, H. J.

MIDSHIPMAN REGIMENTAL STAFF PETTY OFFICER,

WILLIAMS, J. E.

FIRST BATTALION.

MIDSHIPMAN LIEUTENANT COMMANDER,

BOURNE, R. C.

MIDSHIPMAN JUNIOR LIEUTENANT AND ADJUTANT,

CHAPLINE, G. F.

MIDSHIPMAN ENSIGN AND COMMISSARY

EARNHARDT, E. S.

MIDSHIPMAN ENSIGN AND ORDNANCE OFFICER,

HALPINE, C. G.

MIDSHIPMAN BATTALION STAFF PETTY OFFICER,

THOMPSON, W. M.

*First Company.*

MIDSHIPMAN LIEUTENANT, CARLSON, M. O.

MIDSHIPMAN JUNIOR LIEUTENANT, DUDLEY, S. E.

MIDSHIPMAN ENSIGN, BATEMAN, A. H.

## PETTY OFFICERS.

CASEY, W. R.  
 COOPER, L.  
 CRAVEN, F. B.  
 FALLON, H. N.  
 FECHTELER, W. M.

GATES, N. N.  
 JENKINS, B. F.  
 MCGINNIS, K.  
 MILLER, W. E.  
 PARKER, I.

*Second Company.*

MIDSHIPMAN LIEUTENANT, BERWIND, C. G.  
 MIDSHIPMAN JUNIOR LIEUTENANT, HAVILL, C. H.  
 MIDSHIPMAN ENSIGN, KEADY, W. L.

## PETTY OFFICERS.

BACON, W. P.  
 BAUGH, H. V.  
 BLACKBURN C. K.  
 COOPER, T. V.  
 FULLER, E. C.  
 GRASSIE, H. J.

JENKINS, E. H.  
 JONES, R. H.  
 JOY, C. T.  
 RAGSDALE V. H.  
 ROBERTS, J. S. Jr.  
 SCHRADER, A. E.

*Third Company.*

MIDSHIPMAN LIEUTENANT, REED, M. W.  
 MIDSHIPMAN JUNIOR LIEUTENANT, ROOT, A. B.  
 MIDSHIPMAN ENSIGN, SCHOTT, W. W.

## PETTY OFFICERS.

ALGER, M. M.  
 COMPTON, J. P.  
 FORRESTEL, W. J.  
 FRASER, A. E.  
 JACOBSEN, A. W.

KERCHER, M. A.  
 KIRTLAND, S. W.  
 LOVENTHAL, W. F.  
 MARTIN, G. F.  
 STONESTREET, M. B.

## SECOND BATTALION.

MIDSHIPMAN LIEUTENANT COMMANDER,

DAVISON, R. E.

MIDSHIPMAN JUNIOR LIEUTENANT AND ADJUTANT,

LYLE, C. H.

MIDSHIPMAN ENSIGN AND COMMISSARY,

SOLBERG, T. A.

MIDSHIPMAN ENSIGN AND ORDNANCE OFFICER,

RODGERS, B. J.

MIDSHIPMAN BATTALION STAFF PETTY OFFICER,

CLAGHORN, R. R.

*Fourth Company.*

MIDSHIPMAN LIEUTENANT, EARLE, N. P.  
 MIDSHIPMAN JUNIOR LIEUTENANT, HARDISON, O. B.  
 MIDSHIPMAN ENSIGN, CARPENTER, D. M.

## PETTY OFFICERS.

DURGIN, C. T.  
 FUREY, B. G.  
 GLUTTING, P. R.  
 GOEN, P. S.  
 HAWTHORNE, W. G.

KITTS, W. A., 3d.  
 LAWSON, J. H.  
 RYAN, D. L.  
 SAWYER, A. L.

*Fifth Company.*

MIDSHIPMAN LIEUTENANT, MOON, D. P.  
 MIDSHIPMAN JUNIOR LIEUTENANT, BROADFOOT, H. B.  
 MIDSHIPMAN ENSIGN, MAJOR, E. M.

## PETTY OFFICERS.

BLOOM, J. M.  
 BREWSTER, G. P. Jr.  
 CAULDWELL, O. R.  
 COCHRANE, E. F.  
 FLOOD, B. P.  
 GEISENHOF, A. C.

GILLIAM, C. T.  
 HOOVER, G. C.  
 KETCHAM, T.  
 MOORE, A. J.  
 SMITH, E. M.

*Sixth Company.*

MIDSHIPMAN LIEUTENANT, SCHMIDT, H.  
 MIDSHIPMAN JUNIOR LIEUTENANT, KLEIN, C. G.  
 MIDSHIPMAN ENSIGN, MAYER, A. D.

## PETTY OFFICERS.

BETTS, J. E.  
 BROWN, L. F.  
 BURNHANS, A. D.  
 CARNEY, R. B.  
 DAGUE, B. S.  
 PRICE, J. D.

SELMAN, A. J.  
 STEELE, J. M.  
 SWENSON, L. K.  
 WARNER, T. D.  
 WEBB, W. W.  
 WYNKOOP, N. O.

## THIRD BATTALION.

MIDSHIPMAN LIEUTENANT COMMANDER,

HUSSEY, G. F., Jr.

MIDSHIPMAN JUNIOR LIEUTENANT AND ADJUTANT,

BRAINE, C. E., Jr.

MIDSHIPMAN ENSIGN AND COMMISSARY,

WILKES, J.

MIDSHIPMAN ENSIGN AND ORDNANCE OFFICER.

FISKE, L. S.

MIDSHIPMAN BATTALION STAFF PETTY OFFICER.

McFALL, A. C.

*Seventh Company.*

MIDSHIPMAN LIEUTENANT, SUTHERLAND, W. C.  
 MIDSHIPMAN JUNIOR LIEUTENANT, MacKAY, W. E.  
 MIDSHIPMAN ENSIGN, ERICSSON, E. L.

## PETTY OFFICERS.

AWTREY, R. A.  
 COWLES, W. B.  
 JEFFERIS, L. V.  
 JONES, H. S.  
 LAWRENCE, N. T., Jr.  
 PHELPS, H. L.

REDFIELD, H. J.  
 ROPER, C. H.  
 SAUER, E. P.  
 SCOTT, J. A.  
 TWINING, R. B.  
 VINCENT, J. A.

*Eighth Company.*

MIDSHIPMAN LIEUTENANT, KELIHER, T. J., Jr.  
 MIDSHIPMAN JUNIOR LIEUTENANT, BEATTY, F. E., Jr.  
 MIDSHIPMAN ENSIGN, BUNNELL, G. F.

## PETTY OFFICERS.

ALEXANDER, B. R.  
 CRAIG, C.  
 EVANS, C. E.  
 FEINEMAN, W. W.  
 GINDER, S. P.  
 HAMILTON, S. A.

HERNDON, L.  
 HOLMES, M. G.  
 KENNEDY, R. N.  
 MAYFIELD, S. G., Jr.  
 WATTERS, J. S., Jr.  
 WEBB, A. W.

*Ninth Company.*

MIDSHIPMAN LIEUTENANT, EMERSON, A. T.  
 MIDSHIPMAN JUNIOR LIEUTENANT, CARSON, J. H.  
 MIDSHIPMAN ENSIGN, VAIL, L. R.

## PETTY OFFICERS

CARRINGTON, W. S.  
 COLE, M.  
 KENWORTHY, J. L.  
 REINBURG, J. E.  
 RUTLEDGE, P. W.

WEAD, F. W.  
 WEBB, R. E.  
 YOUNG, C.  
 ZIROLI, H. W.

## FOURTH BATTALION.

MIDSHIPMAN LIEUTENANT COMMANDER,

BERKEY, R. S.

MIDSHIPMAN JUNIOR LIEUTENANT AND ADJUTANT,

HITCHCOCK, R. S.

MIDSHIPMAN ENSIGN AND COMMISSARY,

CARR, T. DE W.

MIDSHIPMAN ENSIGN AND ORDNANCE OFFICER,

GROSSKOFF, H. L.

MIDSHIPMAN BATTALION STAFF PETTY OFFICER,

HORNE, H. M.

*Tenth Company.*

MIDSHIPMAN LIEUTENANT, BAKER, C. A.

MIDSHIPMAN JUNIOR LIEUTENANT, BOYER, W. F.

MIDSHIPMAN ENSIGN, SIMMS, J. W.

## PETTY OFFICERS.

ERICKSON, O. W.

HILTON, C. H.

KALK, S. F.

KIRTLAND, F. D.

MERWIN, H. C.

MORGAN, G.

PRICE, W. R.

RHUDY, A. M.

RYAN, J. B.

TERHUNE, J. A.

*Eleventh Company.*

MIDSHIPMAN LIEUTENANT, MILES, A. C.

MIDSHIPMAN JUNIOR LIEUTENANT, NORTHERN, P. L., Jr.

MIDSHIPMAN ENSIGN, HAMILL, C. W.

## PETTY OFFICERS.

BAGBY, L. W.

KREZ, C. A.

LYLE, H. K.

PRICE, G. D.

ROGERS, A. C.

*Twelfth Company.*

MIDSHIPMAN LIEUTENANT, BOGAN, G. F.

MIDSHIPMAN JUNIOR LIEUTENANT, PATTERSON, T. T.

MIDSHIPMAN ENSIGN, RADFORD, A. W.

## PETTY OFFICERS.

CECIL, C. P.

DAVIDSON, G. D.

DAVIS, J. K.

JONES, R. K.

STERNBERG, J. A.

SUMNERS, G. W.

SWINK, R. C.

VAN BUSKIRK, R. J.

WALKER, R. J.

WHEELER, C. J.

WOODWARD, D. C.



# PRACTICE CRUISE 1915.

U. S. S. "MISSOURI" (FLAGSHIP), "WISCONSIN," AND "OHIO."

## SYNOPSIS OF CRUISE.

Midshipmen embarked June 5.

### *Itinerary.*

| Port.                 | Arrival.                | Departure.         |
|-----------------------|-------------------------|--------------------|
| Annapolis.....        |                         | Wednesday, July 7. |
| Guantanamo Bay.....   | Monday, July 12.....    | Monday, July 12.   |
| Cristobal-Balboa..... | Thursday, July 15.....  | Friday, July 16.   |
| San Diego.....        | Wednesday, July 28....  | Friday, July 30.   |
| San Francisco.....    | Sunday, Aug. 1.....     | Saturday, Aug. 14. |
| Los Angeles.....      | Monday, Aug. 16.....    | Tuesday, Aug. 17.  |
| Long Beach.....       | } Tuesday, Aug. 17..... | Thursday, Aug. 19. |
| Venice.....           |                         |                    |
| Balboa-Cristobal..... | Tuesday, Aug. 31.....   | Thursday, Sept. 2. |
| Annapolis.....        | Wednesday, Sept. 8..... |                    |

Midshipmen disembarked.

## NAVAL ACADEMY PRACTICE SQUADRON.

Rear Admiral WILLIAM F. FULLAM, squadron commander.

Lieutenant MATTHIAS E. MANLY, aid.

### U. S. S. "MISSOURI," FLAGSHIP.

Commander Charles F. Preston.

Lieut. Commander Hilary Williams.

Lieut. Commander Roger Williams.

Lieut. Walter F. Jacobs.

Lieut. Charles C. Gill.

Lieut. (Junior Grade) John M. Schelling.

Lieut. (Junior Grade) William S. Farber.

Lieut. (Junior Grade) Charles W. Crosse.

Lieut. (Junior Grade) Kirkwood H. Donavin.

Lieut. (Junior Grade) William W. Turner.

Lieut. (Junior Grade) William D. Brereton, jr.

Lieut. (Junior Grade) Timothy J. Keleher.

Lieut. (Junior Grade) Charles L. Best.

Lieut. (Junior Grade) Charles M. James.

Surg. Arthur W. Dunbar.

Asst. Surg. William A. Brams, M. R. C.

Passed Asst. Paymaster Charles E. Parsons.

Chaplain Arthur W. Stone.

Chief Boatswain Joseph Heil.

Chief Gunner Edward W. Furey (Ord.).

Gunner Asa Watson (Elec.).

Chief Machinist Charles G. Nelson.

Chief Machinist George Crofton.  
 Machinist William H. Hubbard.  
 Carpenter Clarence P. Baker.  
 Paymaster's Clerk James E. Reed.

U. S. S. "WISCONSIN."

Commander Frederick A. Traut.  
 Lieut. Commander Hilary H. Royall.  
 Lieut. Commander Burrell C. Allen.  
 Lieut. Stanton L. H. Hazard.  
 Lieut. Richard S. Edwards.  
 Lieut. (Junior Grade) Thomas A. Symington.  
 Lieut. (Junior Grade) Ralph C. Parker.  
 Lieut. (Junior Grade) William R. Smith.  
 Lieut. (Junior Grade) Elwin F. Cutts.  
 Lieut. (Junior Grade) John R. Beardall.  
 Lieut. (Junior Grade) Donald T. Hunter.  
 Lieut. (Junior Grade) Henry B. LeBourgeois.  
 Lieut. (Junior Grade) Robert E. Rogers.  
 Lieut. (Junior Grade) Leslie C. Davis.  
 Surg. Frederick A. Asserson.  
 Asst. Surg. Henry McDonald, M. R. C.  
 Paymaster John F. Hatch.  
 Chaplain Evan W. Scott.  
 Boatswain John B. Hupp.  
 Chief Gunner Oscar Borgeson (Elec.).  
 Gunner William Eberlin (Ord.).  
 Chief Machinist Otto Johnson.  
 Machinist Frederick T. Lense.  
 Chief Carpenter George Helms.  
 Pay Clerk Frank E. Herbert.

U. S. S. "OHIO."

Commander John T. Tompkins.  
 Lieut. Commander John W. Greenslade.  
 Lieut. Commander Benyaurd B. Wygant.  
 Lieut. Robert L. Ghormley.  
 Lieut. Guy E. Baker.  
 Lieut. (Junior Grade) William T. Smith.  
 Lieut. (Junior Grade) Ralph R. Stewart.  
 Lieut. (Junior Grade) Elmer W. Tod.  
 Lieut. (Junior Grade) Samuel A. Clement.  
 Lieut. (Junior Grade) John W. Rankin.  
 Lieut. (Junior Grade) Howard B. Mecleary.  
 Lieut. (Junior Grade) David C. Patterson, jr.  
 Lieut. (Junior Grade) Harry H. Forgas.  
 Lieut. (Junior Grade) Solomon Endel.  
 Passed Asst. Surg. Duncan C. Walton.  
 Asst. Surg. Foster H. Bowman, M. R. C.  
 Passed Asst. Paymaster Frank Baldwin.  
 Boatswain William E. Benson.  
 Chief Gunner Joseph Hill (Elec.).  
 Gunner Albert M. Hinman (Ord.).  
 Chief Machinist John T. Pennycook.  
 Chief Machinist Thomas W. Smith.  
 Machinist Charles Antrobus.  
 Chief Carpenter Harry R. Taylor.  
 Paymaster's Clerk Philip K. Jenson.

## DETAIL OF MIDSHIPMEN FOR SUMMER PRACTICE CRUISE, 1915.

## U. S. S. "MISSOURI."

| First class.            | Second class.           | Third class.                |
|-------------------------|-------------------------|-----------------------------|
| <i>Seventh company.</i> | <i>Seventh company.</i> | <i>Seventh company.</i>     |
| Awtrey, R. A.           | Cooley, T. R., jr.      | Alvis, J. D.                |
| Cowles, W. B.           | Dietrich, W. F.         | Bledsoe, A. McQ.            |
| Ericsson, E. L.         | Heffernan, J. B.        | Byers, F. M.                |
| Fiske, L. S.            | Jones, W. D., jr.       | Curtis, D.                  |
| Gibson, M. E.           | Keating, R. E.          | Duncan, J. H.               |
| Jones, H. S.            | Klein, H. S.            | George, W. P.               |
| Lawrence, N. T., jr.    | Mack, A. R.             | Herbst, H. R.               |
| McFall, A. C.           | Matthews, R. B.         | Hillhouse, F. B.            |
| MacKay, W. E.           | Mitchell, E. A.         | Hurt, S. H.                 |
| Phelps, H. L.           | Moore, V. J.            | Johnson, G. W.              |
| Redfield, H. J.         | Muschlitz, E. E.        | Lewis, M. L.                |
| Roper, C. H.            | Neilson, F. W.          | Phillips, J. S.             |
| Sauer, E. P.            | Oster, H. R.            | Raab, N. C.                 |
| Scott, J. A.            | Sallada, H. B.          | Townsend, G. D.             |
| Sutherland, W. C.       | Sobel, H. R.            | Wheeler, E. B.              |
| Twining, R. B.          |                         | Wieber, C. W.               |
| Vincent, J. A.          |                         |                             |
| <i>Eighth company.</i>  | <i>Eighth company.</i>  | <i>Eighth company.</i>      |
| Alexander, B. R.        | Bartlett, S. J.         | Bailey, V.                  |
| Beatty, F. E., jr.      | Bigelow, A. A.          | Bolling, A. R. <sup>1</sup> |
| Braine, C. E., jr.      | Comstock, M.            | Busk, W.                    |
| Bunnell, G. F.          | Coontz, K. L.           | Byington, M. B., jr.        |
| Feineman, W. W.         | Cummings, G. C.         | Custer, G. D.               |
| Ginder, S. P.           | Dean, F. H.             | Etheredge, G. O.            |
| Herndon, L.             | Evans, D. R.            | Gallemore, R. T.            |
| Holmes, M. G.           | Gover, L. L.            | Green, D. A.                |
| Hussey, G. F., jr.      | Hoover, G. B.           | Holmes, F. S.               |
| Keliher, T. J., jr.     | Jacobsen, C. L.         | Jupp, S. D.                 |
| Kennedy, R. N.          | Ludlow, W. G., jr.      | McDowell, R. S.             |
| Mayfield, S. G., jr.    |                         | Macklin, W. A. S.           |
| Mullinnix, H. M.        |                         | Murray, J. D., jr.          |
| Watters, J. S., jr.     |                         | Rowe, J. W.                 |
| Webb, A. W.             |                         | Sherman, F. P.              |
|                         |                         | Sprague, T. L.              |
|                         |                         | Taylor, W. L.               |
|                         |                         | Wade, M. C., jr.            |
|                         |                         | White, C. B.                |
|                         |                         | Whitemarsh, R. P.           |
|                         |                         | Wood, J. O.                 |
|                         |                         | Wright, J. T.               |

<sup>1</sup> Detached at San Francisco, Cal., to report at Naval Academy in connection with the hazing investigation.

## DETAIL OF MIDSHIPMEN FOR SUMMER PRACTICE CRUISE, 1915—Continued.

## U. S. S. "MISSOURI"—continued.

| First class.            | Second class.           | Third class.            |
|-------------------------|-------------------------|-------------------------|
| <i>Ninth company.</i>   | <i>Ninth company.</i>   | <i>Ninth company.</i>   |
| Carrington, W. S.       | Calhoun, W. C.          | Corbett, H. S.          |
| Carson, J. H.           | Denebrink, F. C.        | Davis, T. H.            |
| Cole, M.                | Douglas, A. D.          | Farrell, J. G.          |
| Emerson, A. T.          | Downey, K. C. W.        | Gambrill, S. H.         |
| Kenworthy, J. L.        | Duvall, E. E., jr.      | Gibson, F. S.           |
| Reinburg, J. E.         | Failing, R. V. A.       | Grey, J. E.             |
| Rutledge, P. W.         | Fullinwider, S. P., jr. | Haight, S. M.           |
| Safford, L. F.          | Gruelick, R. W.         | Hungate, H. H.          |
| Vail, L. R.             | Hagen, E. G.            | Kelly, F. J., jr.       |
| Wead, F. W.             | Headlee, C. DeV.        | Kidder, E. J.           |
| Webb, R. E.             | Huschke, P. W.          | Lovette, L. P.          |
| White, H. J.            | McCann, A. R.           | McReynolds, J. S.       |
| Wilkes, J.              | Randolph, R. L., jr.    | Macaulay, W. S.         |
| Williams, J. E.         | Shown, W. V.            | Need, H. W.             |
| Young, C.               | Skylstead, R. F.        | Parker, R. B.           |
| Zirolì, H. W.           | Spellman, F. T.         | Post, C. K.             |
|                         | Vytlačil, N.            | Rochester, H. A.        |
|                         | Weber, G. K.            | Scheck, L. G.           |
|                         | Weitzel, C. W.          | von Hasseln, H. W.      |
|                         | Worden, F. L.           | Whitfield, J. W.        |
|                         |                         | Wilson, J. D.           |
| <i>Twelfth company.</i> | <i>Twelfth company.</i> | <i>Twelfth company.</i> |
| Bogan, G. F.            | Campbell, C.            | Apgar, T. B.            |
| Cecil, C. P.            | Daab, P. M.             | Connally, J. M.         |
| Davidson, G. D.         | Ely, H. F.              | Crecca, J. D.           |
| Davis, J. K.            | Hyde, R. U.             | Derx, M. R.             |
| Gregory, J. W.          | McReynolds, R. W., jr.  | Hartt, W. H., jr.       |
| Jones, R. K.            | Morris, E. W.           | Kalbfus, G. R.          |
| Patterson, T. T.        | Noble, A.               | Mintzer, L. M.          |
| Radford, A. W.          | Price, A. I.            | Murphy, E. J.           |
| Sternberg, J. A.        | Sargent, L. P.          | Price, E. H.            |
| Sumners, G. W.          | Senn, E. M.             | Rogers, J. W.           |
| Swink, R. C.            | Smith, F. A.            | Stailey, H. D.          |
| Wheeler, C. J.          | Steeves, L. S.          | Whitten, R. T.          |
| Woodward, D. C.         | Toombs, H. J.           | Wilkinson, F. L., jr.   |
|                         | Woodruff, J. L.         | Willenbacher, E. H.     |
|                         | Wynne, S. J.            | Wright, Jerauld.        |

The following-named members of the fourth class made the summer practice cruise on board the U. S. S. *Missouri*:

| Name.                   | Company. | Name.               | Company. |
|-------------------------|----------|---------------------|----------|
| Baggett, H. D.....      | 7        | Mills, G. H.....    | 12       |
| Bailliere, T. H. G..... | 9        | Naill, R. F.....    | 9        |
| Beltz, F. W.....        | 8        | Troost, F. L.....   | 7        |
| Fitzpatrick, T. B.....  | 12       | Williams, J. C..... | 12       |

## DETAIL OF MIDSHIPMEN FOR SUMMER PRACTICE CRUISE, 1915.

## U. S. S. "WISCONSIN."

| First class.                 | Second class.          | Third class.           |
|------------------------------|------------------------|------------------------|
| <i>Fourth company.</i>       | <i>Fourth company.</i> | <i>Fourth company.</i> |
| Carpenter, D. M.             | Bartholdi, J. J.       | Anderson, H. H.        |
| Davison, R. E.               | Browne, W. T.          | Brown, J. W.           |
| Durgin, C. T.                | Davis, W. P.           | Brush, O. G.           |
| Earle, N. P.                 | Dillon, S. E.          | Cotten, J. L.          |
| Furey, B. G.                 | Ely, H. E., jr.        | Dobyns, T. A., jr.     |
| Glutting, P. R.              | Fleming, R. W.         | Domer, W. D. I.        |
| Goen, P. S.                  | Forsheaw, J. H., jr.   | Eberhart, H. G.        |
| Hardison, O. B. <sup>1</sup> | Hendley, T. B.         | Haynes, A. P.          |
| Hawthorne, W. G.             | Kelly, L. E.           | Inglis, T. B.          |
| Kitts, W. A., 3d.            | Knowles, H. B.         | Iverson, E. V.         |
| Lawson, J. H.                | McKee, A. I.           | Kane, J. D. H.         |
| Lyle, C. H.                  | Murphy, J. V.          | Krueger, E. H.         |
| Rodgers, B. J.               | Ostrander, J. E., jr.  | Lanier, B. B.          |
| Ryan, D. L.                  | Parkhurst, T. R.       | Lyttle, H. D.          |
| Sawyer, A. L.                | Richmond, J. O'D.      | MacLellan, H. E.       |
|                              | Rogers, E. B.          | Momsen, C. B.          |
|                              | Schneider, A. P.       | Sherwood, G. B.        |
|                              | Sease, H. S.           | Thornhill, H. E.       |
|                              | Sparrow, E.            | Vosbury, B. P.         |
|                              | Stone, J. G. M.        |                        |
| <i>Fifth company.</i>        | <i>Fifth company.</i>  | <i>Fifth company.</i>  |
| Bloom, J. M.                 | Avery, H.              | Anderson, J. P.        |
| Brewster, G. P., jr.         | Caldwell, E. B.        | Bannerman, G.          |
| Broadfoot, H. B.             | Clark, V. O.           | Biese-meier, H.        |
| Cauldwell, O. R.             | Claude, W. S. B.       | Crane, W. S., jr.      |
| Claghorn, R. R.              | Cruse, J. R.           | Douthit, F. L.         |

<sup>1</sup> Physically disqualified. Department authorized him to go on leave or on cruise. Joined ship June 16, 1915.

## DETAIL OF MIDSHIPMEN FOR SUMMER PRACTICE CRUISE, 1915—Continued.

U. S. S. "WISCONSIN"—continued.

| First class.                    | Second class.                   | Third class.                    |
|---------------------------------|---------------------------------|---------------------------------|
| <i>Fifth company—Continued.</i> | <i>Fifth company—Continued.</i> | <i>Fifth company—Continued.</i> |
| Flood, B. P.                    | Forster, G. F.                  | Eekhout, B. V.                  |
| Geisenhoff, A. C.               | Fox, H. W.                      | Fischler, P. K.                 |
| Gilliam, C. T.                  | Johnson, C. W.                  | Garrett, W. S.                  |
| Hoover, G. C.                   | Jones, C. M.                    | Haines, J. M.                   |
| Ketcham, T.                     | Mentz, G. F.                    | Hellmers, W.                    |
| Major, E. M.                    | Poindexter, G. A.               | Jacobs, J. D.                   |
| Moon, D. P.                     | Rogers, F. O.                   | Johnson, E. R.                  |
| Moore, A. J.                    | Schofield, A. R.                | Kendall, H. S.                  |
| Smith, E. M.                    | Wallin, H. N.                   | Leemeyer, H. C., jr.            |
|                                 | Ward, C. O.                     | Lockhart, W. M.                 |
|                                 |                                 | Mills, E. W.                    |
|                                 |                                 | Moore, C. G., jr.               |
|                                 |                                 | Neill, J. B., jr.               |
|                                 |                                 | Norton, S. C.                   |
|                                 |                                 | Plonk, J. O.                    |
|                                 |                                 | Scull, H. M.                    |
| <i>Sixth company.</i>           | <i>Sixth company.</i>           | <i>Sixth company.</i>           |
| Betts, J. E.                    | Baker, H. O.                    | Armstrong, R. F.                |
| Brown, L. F.                    | Blodgett, H. C.                 | Busbey, L. W., jr.              |
| Burhans, A. D.                  | Bowman, C. H.                   | Cuddihy, G. T.                  |
| Carney, R. B.                   | Courtney, F. J. <sup>1</sup>    | Emrich, P. L.                   |
| Dague, B. S.                    | Curr, C. R.                     | France, A. F., jr.              |
| Klein, G. C.                    | Harriss, G. L.                  | Geiselman, E. H.                |
| Mayer, A. D.                    | Manton, J. P.                   | Grimm, O. E.                    |
| Price, J. D.                    | Maples, H. L.                   | Haffey, T. J.                   |
| Schmidt, H.                     | Perkins, C. N.                  | Henkle, R. H.                   |
| Selman, A. J.                   | Porter, R. L., jr.              | Holtmann, O. H. <sup>2</sup>    |
| Solberg, T. A.                  | Routier, G. E.                  | Jayne, J. K.                    |
| Steele, J. M.                   | Stump, F. B.                    | Kimmell, H. L.                  |
| Swenson, L. K.                  | Thoma, C. G.                    | Lester, G. W.                   |
| Warner, T. D.                   | Topp, E.                        | McCartin, E. F.                 |
| Webb, W. W.                     | Tyler, J. C.                    | Malone, W. J.                   |
| Wynkoop, N. O.                  | Walton, J. N.                   | Ramsey, L. C.                   |
|                                 | Warren, P. W.                   | Walters, A. A.                  |
|                                 | Weis, F. L.                     | Woolley, G. B.                  |
|                                 | Wells, B. O.                    |                                 |

<sup>1</sup> Transferred to naval hospital, Mare Island, Cal., on August 12, 1915.<sup>2</sup> In naval hospital, Annapolis, Md., until July 1, 1915, on which date he joined ship.

## DETAIL OF MIDSHIPMEN FOR SUMMER PRACTICE CRUISE, 1915—Continued.

## U. S. S. "WISCONSIN"—continued.

| First class.             | Second class.            | Third class.                |
|--------------------------|--------------------------|-----------------------------|
| <i>Eleventh company.</i> | <i>Eleventh company.</i> | <i>Eleventh company.</i>    |
| Borden, W. E., jr.       | Councill, H. F.          | Ballentine, J. J.           |
| Grosskopf, H. L.         | Creesy, A. E.            | Breed, G. G.                |
| Hamill, C. W.            | Eaches, R. M.            | Cobb, S. D. A.              |
| Hitchcock, R. S.         | Fox, D. C.               | Dougherty, S. C.            |
| Holcombe, B. R.          | Hanafee, F. J.           | Fisher, J. L.               |
| Horne, H. M.             | Hayes, H. D.             | Halland, H. E. <sup>1</sup> |
| Miles, A. C.             | Heath, W. S.             | Henifin, L.                 |
| Northern, P. L., jr.     | Hudson, L. J.            | Hoppe, T. A.                |
|                          | Hurlbut, E. S.           | Huntoon, J. G.              |
|                          | Lehrfeld, I.             | Jacobs, M. A.               |
|                          | Lively, F. W.            | McCown, H. Y.               |
|                          | Lowry, E. J.             | Miller, C. C.               |
|                          | McIver, G. W., jr.       | Paige, J. W.                |
|                          | Metcalf, J. T.           | Riggs, R. S.                |
|                          | Nichols, H. J.           | Rogers, E. C.               |
|                          | Phillips, E. R.          | Stover, S. B.               |
|                          | Presnell, B. K.          | Walbridge, E. D.            |
|                          | Richards, W. P.          |                             |

<sup>1</sup> Transferred to naval hospital, Mare Island, Cal., on August 2, 1915.

The following-named members of the fourth class made the summer practice cruise on board the U. S. S. *Wisconsin*:

| Name.                 | Company. | Name.                 | Company. |
|-----------------------|----------|-----------------------|----------|
| Aler, F. V., jr. .... | 6        | Smith, E. H. ....     | 4        |
| Martin, D. C. ....    | 11       | Spaulding, J. W. .... | 6        |
| Parker, L. C. ....    | 5        |                       |          |

## DETAIL OF MIDSHIPMEN FOR SUMMER PRACTICE CRUISE, 1915.

## U. S. S. "OHIO."

| First class.           | Second class.               | Third class.              |
|------------------------|-----------------------------|---------------------------|
| <i>First company.</i>  | <i>First company.</i>       | <i>First company.</i>     |
| Bateman, A. H.         | Allen, J. K.                | Adams, A. S.              |
| Bourne, R. C.          | Appleton, D. S.             | Bailey, W. O.             |
| Carlson, M. O.         | Ball, W. H.                 | Colton, E. B.             |
| Casey, W. R.           | Buchalter, B.               | Dodge, F. R.              |
| Chapline, G. F.        | Clark, H. W.                | Erskine, W. E. G.         |
| Cooper, L.             | Cook, S.                    | Fechteler, F.             |
| Craven, F. B.          | Crosley, F. S.              | Fife, J., jr.             |
| Fallon, H. N.          | Dashiell, R. B.             | Flagg, A. P. <sup>1</sup> |
| Fechteler, W. M.       | Grove, C. S., 3d.           | Flynn, A. I.              |
| Gates, N. N.           | King, E. D.                 | Halstead, F. D.           |
| Halpine, C. G.         | Moran, E. J.                | Hoffman, H. D.            |
| Jenkins, B. F.         | Ogg, R. R.                  | Marley, A. S., jr.        |
| McGinnis, K.           | Phillips, W. K.             | Page, A. H., jr.          |
| Martin, G. F.          | Reaves, A. G.               | Smith, H. H.              |
| Reed, M. W.            | Tevis, P. U.                | Stone, E. E.              |
|                        | Wainwright, L.              | Styer, C. W.              |
|                        |                             | Withers, C.               |
| <i>Second company.</i> | <i>Second company.</i>      | <i>Second company.</i>    |
| Bacon, W. P.           | DeVeaux, L. C.              | Barringer, V. C., jr.     |
| Baugh, H. V.           | Doughty, L., jr.            | Browne, E. B.             |
| Berwind, C. G.         | Dunwoody, K.                | Browning, M. R.           |
| Blackburn, C. K.       | Elmore, W.                  | Connell, F. B.            |
| Cooper, T. V.          | Fahrion, F. G.              | Crutcher, R. C.           |
| Earnhardt, E. S.       | Fairlamb, G. R., jr.        | Denny, C. E.              |
| Havill, C. H.          | Hansen, C. L.               | Dillon, W. M.             |
| Joy, C. T.             | Harper, R. H.               | Foot, E. A.               |
| Keady, W. L.           | Harris, T. F.               | Fowler, J. W.             |
| Ragsdale, V. H.        | Hayden, C. L.               | Habrylewicz, L. L.        |
| Roberts, J. S., jr.    | Holton, C. M.               | Harrison, P.              |
| Schrader, A. E.        | Hooks, D. R.                | Leffler, C. D., jr.       |
|                        | Keller, G. M.               | Leventen, H. K.           |
|                        | McCarty, W. L. <sup>2</sup> | Perkins, J. L.            |
|                        | Park, P. H.                 | Remington, T. F.          |
|                        | Rawlings, N. L.             | Ross, G. E., jr.          |
|                        | Reifel, W. McK.             | Rowe, G.                  |
|                        | Ross, T. D.                 | Scott, J. B.              |
|                        | Spencer, D. A.              | Sprague, C. A. F.         |

<sup>1</sup> Detached July 28, 1915, to go on leave.<sup>2</sup> Died August 15, 1915.

## DETAIL OF MIDSHIPMEN FOR SUMMER PRACTICE CRUISE, 1915—Continued.

## U. S. S. "OHIO"—continued.

| First class.          | Second class.         | Third class.                        |
|-----------------------|-----------------------|-------------------------------------|
| <i>Third company.</i> | <i>Third company.</i> | <i>Third company.</i>               |
| Alger, M. M.          | Brewer, S. B.         | Alexander, R. C.                    |
| Forrestel, W. J.      | Brewington, C. W.     | Bell, E. E.                         |
| Fraser, A. E.         | Clark, G. W.          | Bullene, E. F.                      |
| Jacobsen, A. W.       | Coe, D. W.            | Conroy, E. E.                       |
| Kercher, M. A.        | Connolly, M. J.       | Frere, B.                           |
| Kirtland, S. W.       | Dees, R. E.           | Hawkins, G. C.                      |
| Root, A. B.           | Grant, V. F.          | Hutchins, H. A., jr.                |
| Schott, W. W.         | Hanson, E. G.         | Jacobson, J. H.                     |
| Sitz, W. H.           | Hoeffel, K. M.        | Mitten, R. L.                       |
| Stonestreet, M. B.    | Jenkins, J. H.        | Percifield, W. M.                   |
|                       | Kiland, I. N.         | Quackenbush, J. W.                  |
|                       | Shepard, A. G.        | Taylor, P. R.                       |
|                       | Small, L. F.          | Thorne, T. S.                       |
|                       | Tobin, R. G.          | Thornton, P. M.                     |
|                       | Twomey, J. J.         |                                     |
|                       | Waldschmidt, T. M.    |                                     |
|                       | Wooster, S. H.        |                                     |
|                       | Wyatt, B. H.          |                                     |
|                       | Wyman, R.             |                                     |
| <i>Tenth company.</i> | <i>Tenth company.</i> | <i>Tenth company.</i>               |
| Baker, C. A.          | Anderson, H. W.       | Brady, J. H.                        |
| Berkey, R. S.         | Austin, L. B.         | Clifford, L. E.                     |
| Boyer, W. F.          | Brady, E. E., jr.     | Cummins, D. E.                      |
| Carr, T. De W.        | Browne, D.            | Deans, M. A.                        |
| Erickson, O. W.       | Clarke, W. P. O.      | Ferguson, R. R.                     |
| Hilton, C. H.         | Collins, R. F.        | Gibb, E. D.                         |
| Kalk, S. F.           | Conyne, J. H.         | Kidd, A. C.                         |
| Kirtland, F. D.       | Curran, J. A.         | Kincaid, E. H.                      |
| Merwin, H. C.         | Floyd-Jones, K.       | Richardson, L. B.                   |
| Morgan, G.            | Gale, T. B.           | Tomlinson, D. W., 4th. <sup>1</sup> |
| Rhudy, A. M.          | Gray, J. F. W.        | Wade, W. C.                         |
| Ryan, J. B.           | Haeberle, F. E.       | Walker, T. F. C.                    |
| Terhune, J. A.        | Irby, F. S.           | Warlick, W. W.                      |
|                       | Jackson, H. W.        | Whitson, J. A.                      |
|                       | Marbourg, E. F.       | Wunch, E. W.                        |
|                       | Moen, A. T.           |                                     |
|                       | Morcock, W. J.        |                                     |
|                       | Schumacher, T. L.     |                                     |
|                       | Shortridge, P. F.     |                                     |

<sup>1</sup> Transferred to Naval Hospital, Mare Island, Cal., on August 12, 1915.

The following-named members of the fourth class made the summer practice cruise on board the U. S. S. *Ohio*:

| Name.               | Company. | Name.               | Company. |
|---------------------|----------|---------------------|----------|
| Kirtland, C. W..... | 3        | Mason, G. H.....    | 10       |
| Kirtland, F. R..... | 2        | Strachan, W. J..... | 1        |
| Lamb, C. J.....     | 3        |                     |          |

The following-named midshipmen, some of whom were detached from the practice ships from time to time while the practice squadron remained at Annapolis, did not take the summer practice cruise in 1915, and were attached to the Naval Academy in connection with the Court of Inquiry or Board of Investigation, or for other reasons; were in the United States Naval Hospital, Annapolis, Md., were absent from the Naval Academy on sick leave authorized by the Department, or had been granted leave before the ships sailed:

| <i>Class of 1915.</i>           | <i>Second class.</i>             | <i>Third class.</i>           |
|---------------------------------|----------------------------------|-------------------------------|
| Nelson, R. M., jr.              | <sup>2</sup> Beall, R. L.        | Baldwin, W. O.                |
| <i>First class.</i>             | <sup>2</sup> Boehme, P. L.       | <sup>2</sup> Bennehoff, O. R. |
| Bagby, L. W.                    | Clark, J. J.                     | <sup>4</sup> Burke, T. G.     |
| Benson, F. W.                   | Conover, J. P.                   | Cook, D. C.                   |
| <sup>1</sup> Cochrane, E. F.    | Craig, A. B.                     | Denny, T. R.                  |
| Compton, J. P.                  | Duncan, D. B.                    | <sup>2</sup> Dingwell, P. D.  |
| <sup>2</sup> Craig, C.          | Fisher, T. G.                    | <sup>2</sup> Gamble, H. G.    |
| Dudley, S. E.                   | Glick, D.                        | Hill, E. H.                   |
| Evans, C. E.                    | Harrison, T. W., jr.             | <sup>2</sup> Ives, J. S.      |
| Fuller, E. C.                   | Harvey, L.                       | <sup>2</sup> Johnson, R. L.   |
| Grassie, H. J.                  | Holden, C. F.                    | Kennedy, B. R.                |
| Hamilton, S. A.                 | <sup>2</sup> Hopkins, W. H., jr. | <sup>2</sup> Killian, W. M.   |
| <sup>2</sup> Jefferis, L. V.    | <sup>2</sup> Howard, G. T.       | Lawyer, J. V.                 |
| Jenkins, E. H.                  | Hutson, A. L.                    | Loomis, D. W.                 |
| <sup>3</sup> Jones, R. H.       | Jones, E. H.                     | <sup>2</sup> Minard, D. P.    |
| Krez, C. A.                     | Keefe, J. H.                     | <sup>2</sup> Moses, C. A.     |
| <sup>2</sup> La Motte, R. S.    | Keller, K.                       | Murphy, V. R.                 |
| Loventhal, W. F.                | Luth, W. C.                      | Nichols, W. R.                |
| Lyle, H. K.                     | Meadows, P. L.                   | Poole, R.                     |
| Miller, W. E.                   | Moss, J. E.                      | Pursell, I.                   |
| Parker, I.                      | <sup>2</sup> Quinby, W. P.       | Seligman, M. T.               |
| Price, G. D.                    | Reagle, C. M.                    | Stone, H. G.                  |
| Price, W. R.                    | <sup>2</sup> Staples, G. B.      | Sullivan, J. R.               |
| Rogers, A. C.                   | Staud, B. F.                     | <sup>2</sup> Svec, W. F.      |
| Simms, J. W.                    | Waddell, J. E.                   | Tuley, C. B.                  |
| Thompson, W. M.                 |                                  | <sup>2</sup> Westphal, F. A.  |
| <sup>2</sup> Van Buskirk, R. J. |                                  | Whelan, J. N.                 |
| Walker, R. J.                   |                                  | Whittaker, H. R.              |
| Wessell, L. P.                  |                                  | <sup>2</sup> Wilcock, W. C.   |

<sup>1</sup> On emergency leave when squadron sailed.

<sup>3</sup> In Naval Hospital, Annapolis, Md.

<sup>2</sup> Afterwards granted sick leave in accordance with Department's order.

<sup>4</sup> Was absent on sick leave granted by the Department.

Midshipman G. W. Brown, fourth class, reported on board the *Missouri* on June 16 and was granted leave June 28, 1915; he was still on leave when the ships sailed.

## RELATIVE STANDING OF MIDSHIPMEN.

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*Classes of midshipmen at the United States Naval Academy at the beginning of the academic year 1915-16; with the relative standing of the members of the first three classes, as determined at the annual examination, June, 1915. Also the relative standing of the class appointed in 1911.*

\* Received 55 per cent of the multiple.

† Found deficient, allowed a reexamination, passed, and continued with class.

¶ Retained in next lower class.

≡ Did not graduate with class.

A Absent annual examination by reason of sickness; continued with class subject to delayed examination.

G Turned back into next lower class in accordance with department's endorsement of Aug. 13, 1915.

H Turned back into next lower class in accordance with department's letter No. 26283-925;2, of Sept. 30, 1915 (in addition to any deficiencies in studies).

I Turned back into next lower class in accordance with department's letter N-4/T, of Sept. 20, 1915.

a Absent annual examinations by reason of sickness.

b Deficient at annual examination; to be dropped.

dd Died.

e Deficient on delayed examination; granted reexamination; passed and continued with class.

f Dismissed.

g Deficient at annual examination; reexamined and again found deficient; turned back into next lower class.

h Deficient at annual examination.

i Found physically disqualified at annual examination.

j Passed on physical reexamination.

k Physically rejected on reexamination; continued until next annual physical examination.

l Rejected on physical reexamination; again reexamined and rejected; to be reexamined by specialist.

m Absent; delayed examination.

n Granted two months' sick leave, then to be reexamined.

o Rejected on physical reexamination.

p To be continued under observation and treatment until graduation.

q Reexamined and continued subject to later reexamination; again reexamined; qualified.

r Resigned.

s Suspended.

t Reexamined and continued subject to later reexamination; again reexamined and rejected; to be reexamined at end of suspension.

u Reexamined and continued subject to later reexamination; again reexamined and rejected; continued until next annual physical examination.

v Continued pending further action.

w Continued until next annual physical examination.

x Rejected at annual physical examination and granted reexamination; resigned before date of reexamination.

*Relative standing of midshipmen appointed in 1911,*

| Order of general merit<br>for academic year. | Names.                                    | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>admission. |         | Sea serv-<br>ice in<br>practice<br>ships. |       |
|--|---|--------------------------------|-----------------------|---------------------------------|---------|---|-------|
|  |   |                                |                       | Years.                          | Months. | Months.                                   | Days. |
|  |   |                                | 1911.                 |                                 |         |   |       |
| *1   | <b>Adams, Richard Ranney</b> ...          | Utah.....                      | July 17               | 16                              | 7       | 8   | 7     |
| ior79  | Alexander, William Dennison.              | Wyoming.....                   | July 1                | 18                              | 4       | 7   | 23    |
| 143  | Armstrong, Daniel Williams..              | At large.....                  | July 3                | 18                              | 4       | 7   | 29    |
| 30   | Armstrong, Lloyd Van Horn..               | Tennessee.....                 | July 7                | 20                              | 0       | 8   | 7     |
|  |   |                                | 1910.                 |                                 |         |   |       |
| 126  | Arnold, Marshall Britt.....               | Missouri.....                  | May 11                | 18                              | 6       | 10  | 8     |
|  |   |                                | 1911.                 |                                 |         |   |       |
| *7   | <b>Baker, Robert Nicholson<br/>Scott.</b> | New Hamp-<br>shire.            | June 6                | 17                              | 4       | 8   | 7     |
| 105  | Barnett, Alan.....                        | Ohio.....                      | July 7                | 19                              | 1       | 8   | 7     |
| 22   | Bates, John Frederick, jr....             | Pennsylvania .                 | June 22               | 18                              | 7       | 8   | 12    |
| 33   | Bates, Richard Waller.....                | California.....                | June 21               | 19                              | 5       | 7   | 23    |
| 100  | Blair, Roswell Hadfield.....              | Wisconsin....                  | July 11               | 17                              | 0       | 8   | 7     |
| 34   | Bodfish, Howes.....                       | Massachusetts .                | June 22               | 17                              | 7       | 8   | 12    |
| 47   | Bowman, William Hammond.                  | South Carolina                 | July 24               | 16                              | 10      | 8   | 7     |
| 131  | Breed, Edward.....                        | Pennsylvania .                 | July 3                | 17                              | 5       | 8   | 7     |
| 74   | Brown, James Potter.....                  | Illinois.....                  | July 10               | 19                              | 5       | 7   | 18    |
| 115  | Brown, Thomas Gilbert.....                | Rhode Island .                 | June 16               | 19                              | 11      | 8   | 12    |
| 157  | Burhen, Raymond.....                      | Ohio.....                      | June 29               | 19                              | 4       | 8   | 7     |
| 76   | Burnett, Henry Poynter.....               | Kentucky.....                  | May 11                | 18                              | 2       | 8   | 7     |
| 111  | Burstan, Rupert Mandell.....              | Delaware.....                  | June 17               | 17                              | 3       | 8   | 7     |
| 37   | Burwell, Robert Oswald<br>Burton.         | North Carolina                 | July 7                | 16                              | 2       | 8   | 12    |
| 51   | Calvert, Norwood Giles.....               | North Carolina                 | May 10                | 16                              | 9       | 8   | 12    |
| 161  | Campman, John Henry.....                  | Texas.....                     | May 12                | 19                              | 6       | 8   | 7     |
| 182  | Chadwick, Joseph Howard....               | Massachusetts .                | Sept. 20              | 19                              | 1       | 8   | 7     |
| 121  | Chambers, Irving Reynolds ..              | New York....                   | Sept. 2               | 17                              | 8       | 8   | 7     |
| 43   | Chandler, Theodore Edson....              | New Hamp-<br>shire.            | July 1                | 16                              | 6       | 8   | 3     |
| 38   | Chenoweth, Harry Hobbs.....               | Pennsylvania .                 | May 10                | 18                              | 7       | 8   | 7     |
| 106  | Childs, Earle Wayne Freed...              | Pennsylvania .                 | July 10               | 17                              | 11      | 7   | 29    |
| 41   | Chippendale, Burton Whitham               | Massachusetts .                | July 5                | 16                              | 3       | 8   | 7     |
| 168  | Christie, Ralph Waldo.....                | Massachusetts .                | July 15               | 17                              | 11      | 8   | 12    |
| 68   | Clark, Charles Glover.....                | New Jersey ...                 | May 6                 | 19                              | 5       | 8   | 7     |
| 163  | Clark, Henry Schieffelin, jr...           | New York....                   | July 31               | 18                              | 8       | 8   | 12    |

for the last year of their academic course—183 members.

| Order of merit for the academic year in— |             |                 |                                 |                            |                                     |                     |           |                              |                         |                   |          |             |                  |     | Number of demerits for<br>academic year. | Order of general merit<br>for<br>academic year. |
|--|-------------|-----------------|---------------------------------|----------------------------|-------------------------------------|---------------------|-----------|------------------------------|-------------------------|-------------------|----------|-------------|------------------|-----|--|---|
| International<br>law.                    | Seamanship. | Guns and mines. | Ballistics and<br>fire control. | Theoretical<br>navigation. | Compass deviation and<br>surveying. | Naval construction. | Turbines. | Power and light<br>circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. |     |  |   |
| 4  | 2           | 1               | 1                               | 2                          | 3                                   | 3                   | 10        | 2                            | 6                       | 5                 | 8        | 1           | 9                | 10  | *1                                       |   |
| 75                                       | 146         | 138             | 92                              | 52                         | 60                                  | 85                  | 86        | 81                           | 89                      | 89                | 65       | 26          | 7                | 29  | ior79                                    |   |
| 150                                      | 171         | 121             | 172                             | 139                        | 178                                 | 165                 | 111       | 114                          | 118                     | 47                | 111      | 26          | 135              | 46  | 143                                      |   |
| 25                                       | 31          | 24              | 17                              | 122                        | 71                                  | 28                  | 31        | 70                           | 20                      | 71                | 114      | 103         | 44               | 13  | 30                                       |   |
| 156                                      | 140         | 103             | 140                             | 179                        | 106                                 | 115                 | 111       | 137                          | 131                     | 124               | 80       | 65          | 119              | 22  | 126                                      |   |
| 6  | 7           | 7               | 5                               | 9                          | 15                                  | 12                  | 10        | 5                            | 16                      | 13                | 3        | 41          | 95               | 19  | *7                                       |   |
| 90                                       | 97          | 121             | 77                              | 60                         | 101                                 | 66                  | 42        | 51                           | 74                      | 133               | 162      | 135         | 165              | 68  | 105                                      |   |
| 75                                       | 113         | 4               | 61                              | 17                         | 20                                  | 30                  | 25        | 1                            | 5                       | 165               | 149      | 65          | 125              | 36  | 22                                       |   |
| 81                                       | 27          | 34              | 40                              | 86                         | 63                                  | 35                  | 25        | 64                           | 42                      | 31                | 28       | 24          | 84               | 18  | 33                                       |   |
| 53                                       | 26          | 114             | 87                              | 126                        | 119                                 | 153                 | 163       | 105                          | 96                      | 69                | 22       | 41          | 99               | 46  | 100                                      |   |
| 17                                       | 19          | 83              | 55                              | 58                         | 71                                  | 62                  | 34        | 66                           | 44                      | 68                | 60       | 15          | 19               | 18  | 34                                       |   |
| 115                                      | 97          | 56              | 102                             | 49                         | 69                                  | 78                  | 99        | 66                           | 54                      | 19                | 118      | 41          | 99               | 2   | 47                                       |   |
| 128                                      | 162         | 131             | 157                             | 117                        | 141                                 | 158                 | 75        | 118                          | 149                     | 90                | 109      | 33          | 93               | 31  | 131                                      |   |
| 81                                       | 45          | 110             | 48                              | 108                        | 79                                  | 29                  | 52        | 24                           | 64                      | 45                | 114      | 131         | 52               | 59  | 74                                       |   |
| 75                                       | 54          | 162             | 127                             | 144                        | 149                                 | 107                 | 136       | 124                          | 163                     | 162               | 90       | 11          | 24               | 26  | 115                                      |   |
| 161                                      | 135         | 173             | 112                             | 130                        | 149                                 | 90                  | 156       | 132                          | 155                     | 128               | 65       | 167         | 177              | 61  | 157                                      |   |
| 81                                       | 73          | 97              | 77                              | 66                         | 51                                  | 118                 | 124       | 64                           | 81                      | 20                | 171      | 131         | 69               | 30  | 76                                       |   |
| 121                                      | 113         | 60              | 114                             | 63                         | 114                                 | 56                  | 99        | 29                           | 50                      | 110               | 48       | 180         | 183              | 73  | 111                                      |   |
| 43                                       | 23          | 38              | 92                              | 15                         | 35                                  | 60                  | 62        | 28                           | 61                      | 102               | 14       | 82          | 93               | 27  | 37                                       |   |
| 81                                       | 47          | 46              | 61                              | 44                         | 28                                  | 69                  | 131       | 35                           | 28                      | 96                | 140      | 92          | 115              | 47  | 51                                       |   |
| 167                                      | 150         | 134             | 164                             | 170                        | 175                                 | 161                 | 154       | 166                          | 165                     | 61                | 106      | 125         | 69               | 52  | 161                                      |   |
| 147                                      | 160         | 176             | 167                             | 156                        | 146                                 | 176                 | 170       | 183                          | 118                     | 146               | 162      | 162         | 181              | 119 | 182                                      |   |
| 140                                      | 147         | 114             | 140                             | 97                         | 92                                  | 107                 | 131       | 137                          | 147                     | 80                | 35       | 69          | 4                | 44  | 121                                      |   |
| 32                                       | 37          | 60              | 13                              | 51                         | 40                                  | 49                  | 45        | 32                           | 14                      | 92                | 72       | 167         | 163              | 54  | 43                                       |   |
| 29                                       | 25          | 77              | 33                              | 41                         | 56                                  | 69                  | 57        | 54                           | 37                      | 101               | 32       | 60          | 69               | 13  | 38                                       |   |
| 48                                       | 88          | 118             | 92                              | 160                        | 133                                 | 90                  | 66        | 124                          | 96                      | 127               | 162      | 50          | 37               | 37  | 106                                      |   |
| 49                                       | 11          | 26              | 38                              | 29                         | 9                                   | 62                  | 57        | 20                           | 44                      | 82                | 80       | 87          | 84               | 94  | 41                                       |   |
| 150                                      | 157         | 81              | 167                             | 165                        | 180                                 | 181                 | 169       | 174                          | 180                     | 149               | 175      | 75          | 28               | 83  | 168                                      |   |
| 41                                       | 47          | 103             | 55                              | 139                        | 109                                 | 41                  | 86        | 124                          | 112                     | 118               | 13       | 8           | 16               | 21  | 68                                       |   |
| 150                                      | 121         | 166             | 77                              | 154                        | 101                                 | 32                  | 109       | 137                          | 118                     | 116               | 35       | 162         | 182              | 133 | 163                                      |   |

*Relative standing of midshipmen appointed in 1911, for the*

| Order of general merit<br>for academic year. | Names.                         | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of admis-<br>sion. |         | Sea serv-<br>ice in<br>practice<br>ships. |       |
|--|--------------------------------|--------------------------------|-----------------------|-----------------------------------|---------|---|-------|
|  |                                |                                |                       | Years.                            | Months. | Months.                                   | Days. |
|  |                                |                                | 1911.                 |                                   |         |   |       |
| 107  | Clark, Robert William.....     | New York....                   | July 1                | 17                                | 11      | 8   | 12    |
| 50   | Clark, Stuart Benson.....      | Illinois.....                  | July 5                | 16                                | 10      | 8   | 12    |
| 101  | Clarke, Horace Donald.....     | Iowa.....                      | May 10                | 19                                | 0       | 8   | 7     |
| 127  | Collins, David McLernon....    | Massachusetts..                | May 9                 | 18                                | 0       | 6   | 15    |
| 73   | Confer, Walter John.....       | Ohio.....                      | May 9                 | 18                                | 2       | 8   | 7     |
| 36   | Culbert, Frederic Paul.....    | New Jersey...                  | July 6                | 18                                | 1       | 7   | 29    |
| 55   | Dalton, Donald MacLean.....    | Iowa.....                      | May 6                 | 17                                | 8       | 8   | 7     |
| 56   | Darrow, Robert Turner.....     | Connecticut...                 | June 17               | 18                                | 9       | 8   | 7     |
| 9  | Davis, Arthur Cayley.....      | Nebraska.....                  | July 8                | 18                                | 4       | 8   | 7     |
| #183   | Davis, John Tracy.....         | Missouri.....                  | June 24               | 19                                | 6       | 8   | 12    |
| 155  | Deets, Samuel Russel.....      | Maryland....                   | May 6                 | 19                                | 11      | 8   | 1     |
| 104  | Delpino, Julius Caesar.....    | Pennsylvania..                 | July 17               | 16                                | 9       | 8   | 7     |
| 165  | del Valle, Pedro Augusto....   | Porto Rico....                 | June 17               | 17                                | 10      | 8   | 7     |
| 61   | de Roode, Louis Remsen....     | New York....                   | Aug. 17               | 19                                | 0       | 7   | 23    |
| ior172                                       | Dollarhide, Erskine Simpson..  | Arkansas.....                  | July 3                | 20                                | 0       | 8   | 7     |
| 134  | Dupre, Dallas Daisy.....       | Texas.....                     | Sept. 1               | 18                                | 5       | 8   | 7     |
| 92   | Easton, Glenn Herman.....      | Michigan.....                  | June 17               | 18                                | 3       | 8   | 7     |
| 54   | Eldredge, Hugh Gwynne....      | Tennessee.....                 | July 7                | 16                                | 11      | 8   | 7     |
| 90   | Farnsworth, John Semer....     | Ohio.....                      | June 30               | 17                                | 11      | 8   | 7     |
| 78   | Farrar, Robert Morse.....      | North Dakota..                 | July 13               | 16                                | 10      | 8   | 7     |
| 150  | Field, John Morris, jr.....    | At large.....                  | July 1                | 18                                | 3       | 8   | 12    |
| 164  | Fisher, Hilbert Adam.....      | North Carolina                 | June 21               | 19                                | 5       | 8   | 7     |
| 52   | Flynn, Cornelius William....   | New Jersey ..                  | June 19               | 18                                | 5       | 8   | 7     |
| ion99  | Fortson, Robert Malcolm.....   | Georgia.....                   | July 8                | 19                                | 11      | 8   | 12    |
| #140   | French, Fred G.....            | Ohio.....                      | May 10                | 17                                | 8       | 8   | 12    |
| #151   | Friend, Thomas Henry Holt..    | West Virginia..                | July 8                | 18                                | 8       | 8   | 12    |
| 142  | Gamble, Millard Gobert, jr.... | Georgia.....                   | July 7                | 17                                | 1       | 8   | 7     |
| 42   | Glann, Arthur Edward.....      | New York....                   | Sept. 13              | 18                                | 5       | 8   | 12    |
| 35   | Glennon, Philip Thompson...    | New York....                   | May 10                | 17                                | 3       | 8   | 7     |
| 32   | Glover, Robert Ogden.....      | Georgia.....                   | June 17               | 16                                | 11      | 7   | 12    |
| 65   | Godfrey, Vincent Hubbard...    | Massachusetts..                | Aug. 14               | 16                                | 10      | 6   | 13    |
| 95   | Graf, Homer William.....       | Iowa.....                      | June 20               | 17                                | 4       | 7   | 29    |
| 64   | Graham, Ivan Montrose.....     | Hawaii.....                    | June 13               | 16                                | 0       | 8   | 12    |
| 84   | Granat, William.....           | California.....                | June 17               | 18                                | 7       | 7   | 28    |
| ior171                                       | Grimm, Henry Ford, jr.....     | New York....                   | Sept. 1               | 19                                | 6       | 5   | 17    |
| 75   | Grove, George Wilson.....      | New Jersey....                 | July 8                | 16                                | 10      | 8   | 12    |

last year of their academic course—183 members—Continued.

| Order of merit for academic year in— |             |                 |                              |                         |                                  |                     |           |                           |                         |                   |          |             |                  | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------------|-------------|-----------------|------------------------------|-------------------------|----------------------------------|---------------------|-----------|---------------------------|-------------------------|-------------------|----------|-------------|------------------|---------------------------------------|---|
| International law.                   | Seamanship. | Guns and mines. | Ballistics and fire control. | Theoretical navigation. | Compass deviation and surveying. | Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. |                                       |   |
| 56                                   | 121         | 83              | 84                           | 177                     | 53                               | 41                  | 95        | 41                        | 112                     | 126               | 140      | 108         | 132              | 96                                    | 107                                       |
| 34                                   | 76          | 52              | 36                           | 32                      | 31                               | 30                  | 62        | 29                        | 32                      | 154               | 65       | 92          | 99               | 70                                    | 50  |
| 121                                  | 130         | 130             | 127                          | 139                     | 82                               | 107                 | 57        | 60                        | 112                     | 142               | 181      | 98          | 16               | 10                                    | 101                                       |
| 132                                  | 143         | 183             | 132                          | 163                     | 141                              | 129                 | 115       | 158                       | 142                     | 10                | 86       | 26          | 27               | 12                                    | 127                                       |
| 103                                  | 76          | 87              | 114                          | 95                      | 75                               | 66                  | 77        | 118                       | 60                      | 71                | 32       | 69          | 159              | 10                                    | 73  |
| 68                                   | 45          | 15              | 61                           | 34                      | 63                               | 24                  | 68        | 47                        | 68                      | 8                 | 179      | 2           | 37               | 59                                    | 36  |
| 49                                   | 60          | 110             | 11                           | 102                     | 69                               | 26                  | 16        | 100                       | 44                      | 93                | 72       | 98          | 21               | 34                                    | 55  |
| 75                                   | 43          | 32              | 160                          | 44                      | 63                               | 124                 | 170       | 116                       | 50                      | 42                | 129      | 103         | 7                | 5                                     | 56  |
| 1                                    | 4           | 13              | 10                           | 13                      | 13                               | 1                   | 5         | 24                        | 16                      | 22                | 6        | 50          | 19               | 54                                    | 9   |
| 170                                  | 179         | 156             | 175                          | 171                     | 178                              | 180                 | 177       | 134                       | 149                     | 168               | 154      | 162         | 180              | 244                                   | #183                                      |
| 162                                  | 138         | 162             | 120                          | 181                     | 156                              | 133                 | 125       | 159                       | 145                     | 98                | 123      | 108         | 53               | 55                                    | 155                                       |
| 113                                  | 133         | 56              | 148                          | 82                      | 109                              | 96                  | 68        | 60                        | 96                      | 50                | 132      | 183         | 95               | 31                                    | 104                                       |
| 159                                  | 160         | 169             | 169                          | 151                     | 140                              | 172                 | 156       | 130                       | 153                     | 23                | 48       | 162         | 135              | 77                                    | 165                                       |
| 98                                   | 47          | 73              | 28                           | 86                      | 47                               | 10                  | 57        | 56                        | 37                      | 17                | 7        | 123         | 69               | 82                                    | 61  |
| 179                                  | 150         | 174             | 183                          | 172                     | 183                              | 155                 | 181       | 166                       | 174                     | 76                | 71       | 162         | 99               | 38                                    | ior172                                    |
| 132                                  | 118         | 73              | 120                          | 108                     | 109                              | 107                 | 99        | 80                        | 72                      | 73                | 142      | 178         | 159              | 98                                    | 134                                       |
| 135                                  | 80          | 56              | 114                          | 108                     | 71                               | 99                  | 29        | 100                       | 100                     | 53                | 17       | 125         | 135              | 46                                    | 92  |
| 75                                   | 60          | 70              | 120                          | 72                      | 37                               | 82                  | 86        | 54                        | 40                      | 70                | 3        | 108         | 99               | 19                                    | 54  |
| 121                                  | 31          | 89              | 30                           | 58                      | 49                               | 82                  | 104       | 108                       | 100                     | 105               | 17       | 82          | 170              | 74                                    | 90  |
| 115                                  | 73          | 65              | 55                           | 122                     | 77                               | 39                  | 49        | 70                        | 74                      | 62                | 118      | 147         | 24               | 37                                    | 78  |
| 146                                  | 88          | 76              | 137                          | 148                     | 131                              | 144                 | 143       | 109                       | 131                     | 2                 | 25       | 135         | 155              | 142                                   | 150                                       |
| 178                                  | 175         | 134             | 180                          | 167                     | 160                              | 124                 | 143       | 169                       | 135                     | 177               | 154      | 125         | 126              | 40                                    | 164                                       |
| 38                                   | 31          | 49              | 40                           | 84                      | 82                               | 69                  | 31        | 127                       | 58                      | 106               | 72       | 98          | 155              | 10                                    | 52  |
| 103                                  | 28          | 102             | 77                           | 108                     | 144                              | 90                  | 42        | 100                       | 112                     | 179               | 97       | 92          | 77               | 33                                    | ion99                                     |
| 90                                   | 67          | 21              | 77                           | 14                      | 47                               | 115                 | 68        | 45                        | 72                      | 140               | 137      | 92          | 179              | 237                                   | #140                                      |
| 113                                  | 143         | 60              | 125                          | 34                      | 101                              | 56                  | 72        | 91                        | 77                      | 116               | 109      | 171         | 99               | 191                                   | #151                                      |
| 167                                  | 138         | 179             | 149                          | 172                     | 133                              | 121                 | 167       | 145                       | 110                     | 133               | 122      | 87          | 140              | 5                                     | 142                                       |
| 103                                  | 54          | 38              | 55                           | 25                      | 20                               | 45                  | 25        | 22                        | 32                      | 182               | 137      | 41          | 33               | 54                                    | 42  |
| 34                                   | 14          | 116             | 51                           | 113                     | 51                               | 39                  | 38        | 38                        | 54                      | 26                | 65       | 10          | 37               | 21                                    | 35  |
| 58                                   | 69          | 34              | 42                           | 24                      | 23                               | 76                  | 17        | 72                        | 58                      | 149               | 60       | 6           | 33               | 25                                    | 32  |
| 56                                   | 108         | 21              | 174                          | 17                      | 40                               | 90                  | 118       | 41                        | 34                      | 153               | 24       | 58          | 148              | 40                                    | 65  |
| 132                                  | 76          | 97              | 73                           | 92                      | 97                               | 115                 | 163       | 130                       | 107                     | 130               | 43       | 75          | 159              | 15                                    | 95  |
| 49                                   | 37          | 97              | 129                          | 63                      | 63                               | 144                 | 75        | 38                        | 36                      | 171               | 126      | 50          | 37               | 21                                    | 64  |
| 46                                   | 88          | 97              | 87                           | 126                     | 82                               | 69                  | 13        | 68                        | 68                      | 124               | 98       | 167         | 141              | 36                                    | 84  |
| 174                                  | 133         | 180             | 112                          | 176                     | 153                              | 170                 | 170       | 169                       | 161                     | 146               | 166      | 174         | 99               | 63                                    | ior171                                    |
| 103                                  | 37          | 92              | 98                           | 72                      | 40                               | 99                  | 91        | 76                        | 93                      | 99                | 54       | 22          | 84               | 46                                    | 75  |

*Relative standing of midshipmen appointed in 1911, for the*

| Order of general merit<br>for academic year. | Names.                            | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>admission. |         | Sea service in<br>practice<br>ships. |       |
|--|-----------------------------------|--------------------------------|-----------------------|---------------------------------|---------|--------------------------------------|-------|
|  |                                   |                                |                       | Years.                          | Months. | Months.                              | Days. |
|  |                                   |                                | 1911.                 |                                 |         |                                      |       |
| 173  | Hactor, William Sandwood....      | Missouri.....                  | May 19                | 19                              | 2       | 8                                    | 12    |
| 162  | Harrison, Homer Howard<br>Hobson. | Illinois.....                  | July 12               | 17                              | 0       | 8                                    | 6     |
| 137  | Hatch, Alexander Gilchrist...     | California.....                | May 11                | 18                              | 5       | 8                                    | 12    |
| 45   | Hazlett, Edward Everett, jr...    | Kansas.....                    | July 5                | 19                              | 4       | 8                                    | 12    |
| 147  | Henning, Elmer Richard.....       | District of Co-<br>lumbia.     | July 7                | 19                              | 9       | 8                                    | 12    |
| 15   | Hicks, Walter Alexander.....      | Alabama.....                   | June 17               | 18                              | 7       | 7                                    | 29    |
| 117  | Hill, George Chaffee.....         | District of Co-<br>lumbia.     | July 7                | 17                              | 5       | 8                                    | 7     |
| 181  | Hoops, Lyman Blair.....           | Connecticut...                 | May 12                | 18                              | 10      | 8                                    | 12    |
| 20   | Horn, Roy de Saussure.....        | Georgia.....                   | July 8                | 17                              | 5       | 8                                    | 12    |
| 176  | Hough, Elmer Byron.....           | West Virginia.                 | June 30               | 17                              | 10      | 8                                    | 7     |
| 96   | Howard, Archie Franklin.....      | Kansas.....                    | July 5                | 19                              | 5       | 8                                    | 7     |
| 125  | Hunter, Harold O'Driscoll...      | Georgia.....                   | July 5                | 16                              | 4       | 8                                    | 7     |
| 117  | Huntoon, Frank Campbell....       | Illinois.....                  | June 17               | 18                              | 5       | 7                                    | 11    |
| 156  | Hutchinson, Myron Wells.....      | North Dakota.                  | July 5                | 18                              | 6       | 8                                    | 12    |
| 72   | Isaacs, Edouard Victor Michael    | Illinois.....                  | May 6                 | 19                              | 5       | 8                                    | 7     |
| 81   | Jenkins, Samuel Power.....        | Missouri.....                  | July 5                | 18                              | 1       | 8                                    | 7     |
| 94   | Jondreau, Romeo Joseph.....       | Iowa.....                      | July 7                | 19                              | 4       | 8                                    | 12    |
| 21   | Kell, Claude Owen.....            | Alaska.....                    | July 10               | 18                              | 11      | 8                                    | 7     |
| 148  | Kiely, Ralph.....                 | New York.....                  | May 12                | 20                              | 0       | 8                                    | 7     |
| 139  | King, Archer Emmet.....           | Virginia.....                  | May 9                 | 17                              | 8       | 8                                    | 7     |
| 14   | Kinne, Merrill Talmage.....       | New York.....                  | July 6                | 17                              | 3       | 8                                    | 12    |
| 87   | Kneip, John Boniface.....         | Minnesota.....                 | May 18                | 20                              | 0       | 8                                    | 7     |
| 135  | Kriner, George Cascaden.....      | Pennsylvania.                  | July 6                | 17                              | 1       | 7                                    | 23    |
| 154  | Kyle, James Roland, jr.....       | Virginia.....                  | Aug. 18               | 19                              | 5       | 8                                    | 12    |
| ior29  | Laferty, Paul Gause.....          | Ohio.....                      | June 29               | 19                              | 6       | 8                                    | 7     |
| 57   | Lamont, George Peter.....         | California.....                | June 24               | 19                              | 5       | 8                                    | 7     |
| 177  | Landis, Arthur.....               | North Carolina                 | May 9                 | 18                              | 5       | 8                                    | 12    |
| 110  | Lein, Conrad Ludwig.....          | Minnesota.....                 | May 12                | 19                              | 11      | 8                                    | 7     |
| 63   | Leonard, Nelson Jackson.....      | Indiana.....                   | May 6                 | 19                              | 4       | 8                                    | 12    |
| 124  | Lewis, Chester E.....             | Ohio.....                      | Aug. 10               | 19                              | 1       | 8                                    | 7     |
| 152  | Lewis, James Mackey.....          | Texas.....                     | July 18               | 18                              | 4       | 8                                    | 12    |
| 13   | Lewis, Leverett Shepherd....      | New York.....                  | June 20               | 18                              | 11      | 7                                    | 9     |

*last year of their academic course—183 members—Continued.*

| Order of merit for academic year in— |             |                 |                              |                         |                                  |                     |           |                           |                         |                   |          |             |                  |     | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------------|-------------|-----------------|------------------------------|-------------------------|----------------------------------|---------------------|-----------|---------------------------|-------------------------|-------------------|----------|-------------|------------------|-----|---------------------------------------|---|
| International law.                   | Seamanship. | Guns and mines. | Ballistics and fire control. | Theoretical navigation. | Compass deviation and surveying. | Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. |     |                                       |   |
| 174                                  | 175         | 159             | 149                          | 128                     | 130                              | 169                 | 143       | 173                       | 174                     | 179               | 31       | 120         | 155              | 98  | 173                                   |   |
| 153                                  | 149         | 92              | 153                          | 122                     | 146                              | 137                 | 182       | 161                       | 177                     | 174               | 173      | 139         | 57               | 75  | 162                                   |   |
| 140                                  | 88          | 171             | 164                          | 102                     | 95                               | 158                 | 125       | 156                       | 147                     | 171               | 101      | 33          | 41               | 36  | 137                                   |   |
| 58                                   | 31          | 42              | 61                           | 22                      | 28                               | 88                  | 139       | 100                       | 35                      | 93                | 112      | 50          | 44               | 36  | 45                                    |   |
| 174                                  | 169         | 110             | 149                          | 115                     | 131                              | 160                 | 143       | 149                       | 100                     | 112               | 60       | 117         | 163              | 57  | 147                                   |   |
| 28                                   | 24          | 19              | 16                           | 25                      | 14                               | 19                  | 66        | 38                        | 18                      | 34                | 51       | 12          | 57               | 20  | 15                                    |   |
| 90                                   | 88          | 169             | 77                           | 139                     | 133                              | 56                  | 91        | 137                       | 105                     | 59                | 93       | 26          | 44               | 56  | 117                                   |   |
| 140                                  | 157         | 184             | 146                          | 160                     | 166                              | 178                 | 118       | 135                       | 140                     | 137               | 20       | 152         | 172              | 143 | 181                                   |   |
| 13                                   | 10          | 56              | 12                           | 68                      | 56                               | 21                  | 38        | 36                        | 22                      | 45                | 43       | 75          | 53               | 20  | 20                                    |   |
| 179                                  | 162         | 134             | 178                          | 154                     | 175                              | 179                 | 178       | 133                       | 158                     | 135               | 183      | 180         | 168              | 68  | 176                                   |   |
| 61                                   | 102         | 90              | 55                           | 100                     | 123                              | 78                  | 104       | 96                        | 107                     | 173               | 123      | 73          | 176              | 26  | 96                                    |   |
| 119                                  | 88          | 142             | 61                           | 134                     | 160                              | 134                 | 150       | 120                       | 126                     | 110               | 101      | 21          | 132              | 41  | 125                                   |   |
| 128                                  | 126         | 70              | 107                          | 162                     | 126                              | 148                 | 79        | 145                       | 129                     | 137               | 106      | 117         | 143              | 18  | 117                                   |   |
| 128                                  | 121         | 65              | 133                          | 148                     | 109                              | 148                 | 95        | 180                       | 149                     | 170               | 173      | 146         | 146              | 102 | 156                                   |   |
| 68                                   | 82          | 21              | 98                           | 72                      | 34                               | 137                 | 95        | 152                       | 140                     | 21                | 91       | 41          | 119              | 26  | 72                                    |   |
| 135                                  | 109         | 46              | 69                           | 72                      | 37                               | 137                 | 99        | 92                        | 100                     | 175               | 126      | 142         | 122              | 18  | 81                                    |   |
| 103                                  | 31          | 131             | 92                           | 66                      | 56                               | 137                 | 125       | 72                        | 112                     | 139               | 48       | 108         | 172              | 34  | 94                                    |   |
| 88                                   | 47          | 34              | 35                           | 44                      | 32                               | 51                  | 47        | 29                        | 40                      | 38                | 95       | 5           | 74               | 6   | 21                                    |   |
| 153                                  | 162         | 126             | 175                          | 148                     | 114                              | 148                 | 138       | 127                       | 155                     | 53                | 152      | 139         | 146              | 55  | 148                                   |   |
| 140                                  | 102         | 161             | 133                          | 168                     | 160                              | 76                  | 115       | 161                       | 149                     | 161               | 43       | 135         | 169              | 15  | 139                                   |   |
| 20                                   | 16          | 44              | 25                           | 6                       | 4                                | 22                  | 17        | 27                        | 11                      | 91                | 10       | 50          | 74               | 22  | 14                                    |   |
| 88                                   | 113         | 110             | 45                           | 99                      | 123                              | 56                  | 91        | 86                        | 65                      | 143               | 57       | 103         | 90               | 28  | 87                                    |   |
| 172                                  | 88          | 129             | 149                          | 117                     | 160                              | 167                 | 156       | 169                       | 180                     | 74                | 15       | 41          | 126              | 13  | 135                                   |   |
| 170                                  | 182         | 156             | 102                          | 165                     | 76                               | 107                 | 131       | 176                       | 122                     | 166               | 154      | 142         | 153              | 47  | 154                                   |   |
| 21                                   | 28          | 65              | 20                           | 52                      | 15                               | 37                  | 81        | 47                        | 54                      | 119               | 101      | 108         | 77               | 9   | ior29                                 |   |
| 44                                   | 40          | 83              | 51                           | 86                      | 82                               | 78                  | 45        | 76                        | 65                      | 30                | 101      | 158         | 90               | 10  | 57                                    |   |
| 182                                  | 167         | 181             | 179                          | 178                     | 139                              | 176                 | 166       | 176                       | 177                     | 154               | 154      | 158         | 165              | 51  | 177                                   |   |
| 68                                   | 111         | 90              | 120                          | 57                      | 89                               | 124                 | 109       | 89                        | 93                      | 95                | 137      | 156         | 143              | 57  | 110                                   |   |
| 38                                   | 60          | 52              | 30                           | 96                      | 60                               | 51                  | 47        | 105                       | 145                     | 154               | 80       | 75          | 141              | 10  | 63                                    |   |
| 183                                  | 167         | 97              | 129                          | 117                     | 123                              | 96                  | 129       | 176                       | 161                     | 55                | 65       | 13          | 44               | 25  | 124                                   |   |
| 90                                   | 102         | 164             | 102                          | 130                     | 160                              | 170                 | 180       | 181                       | 170                     | 179               | 28       | 82          | 122              | 49  | 152                                   |   |
| 32                                   | 20          | 51              | 20                           | 22                      | 8                                | 7                   | 15        | 14                        | 14                      | 9                 | 54       | 65          | 12               | 25  | 13                                    |   |

*Relative standing of midshipmen appointed in 1911, for the*

| Order of general merit<br>for academic year. | Names.                              | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>admission. |         | Sea serv-<br>ice in<br>practice<br>ships. |       |
|--|-------------------------------------|--------------------------------|-----------------------|---------------------------------|---------|---|-------|
|  |                                     |                                |                       | Years.                          | Months. | Months.                                   | Days. |
|  |                                     |                                | 1911.                 |                                 |         |   |       |
| 160  | Libenow, Forrest Knox.....          | Washington...                  | May 12                | 20                              | 0       | 8   | 7     |
| 69   | Lorenz, William Joseph.....         | Pennsylvania.                  | July 8                | 18                              | 3       | 8   | 10    |
| 88   | Low, Francis Stuart.....            | Massachusetts.                 | July 7                | 16                              | 11      | 8   | 7     |
| 46   | Lusk, John Clifton.....             | Nevada.....                    | June 15               | 18                              | 5       | 8   | 12    |
| 44   | McCoach, Edwin Stuart.....          | Pennsylvania.                  | May 22                | 17                              | 2       | 7   | 29    |
| *2   | <b>McCormick, Lynde Dupuy.</b>      | At Large.....                  | Aug. 12               | 16                              | 0       | 8   | 12    |
| 113  | McCrea, John Livingston.....        | Michigan.....                  | May 10                | 19                              | 11      | 8   | 12    |
| 119  | Maher, James Edward.....            | Pennsylvania.                  | June 23               | 18                              | 8       | 8   | 7     |
| 136  | Maher, Stuart Augustine.....        | Connecticut...                 | July 17               | 19                              | 0       | 8   | 7     |
| 169  | Mahoney, John Joseph.....           | Massachusetts.                 | July 12               | 19                              | 10      | 8   | 12    |
| 85   | Mail, Francis Marlin, jr.....       | Indiana.....                   | July 5                | 19                              | 6       | 8   | 7     |
| *4   | <b>Manly, John McCabe.....</b>      | Ohio.....                      | July 5                | 17                              | 8       | 8   | 12    |
| 179  | Marshall, Preston.....              | New York.....                  | July 5                | 18                              | 0       | 8   | 7     |
| 97   | Matteson, Stephen Hubert....        | Minnesota.....                 | June 19               | 19                              | 6       | 8   | 7     |
| 153  | Meyers, Harold Milton.....          | Pennsylvania.                  | June 23               | 18                              | 7       | 8   | 8     |
| 89   | Miller, Marcus Clifford.....        | At Large.....                  | July 6                | 16                              | 8       | 8   | 7     |
| 103  | Minnis, John Andrew.....            | Alabama.....                   | June 8                | 20                              | 0       | 8   | 7     |
| 24   | Mitchell, Ralph Johnson.....        | Connecticut...                 | June 17               | 19                              | 9       | 8   | 6     |
| 25   | Moore, Louis Robert.....            | Illinois.....                  | June 22               | 18                              | 8       | 8   | 7     |
| 130  | Morgan, Philip Clark.....           | Connecticut...                 | June 17               | 17                              | 3       | 8   | 7     |
| #8   | <b>Nelson, Ralph McKinley, jr.</b>  | New York.....                  | June 24               | 16                              | 0       | 8   | 7     |
| *3   | <b>Nelson, William.....</b>         | Minnesota.....                 | Sept. 2               | 18                              | 3       | 8   | 12    |
| 66   | Nimitz, Otto.....                   | Texas.....                     | Aug. 4                | 18                              | 4       | 8   | 7     |
| 128  | Nunnally, William Josiah.....       | Georgia.....                   | July 7                | 19                              | 7       | 8   | 2     |
| 144  | O'Neill, Owen Eugene.....           | New York.....                  | July 13               | 19                              | 5       | 8   | 12    |
| 60   | Osborn, Charles Francis.....        | Missouri.....                  | June 20               | 19                              | 8       | 8   | 7     |
| 116  | Overesch, Harvey Edward....         | Indiana.....                   | July 8                | 18                              | 6       | 7   | 23    |
| 59   | Paddock, Hubert Esterly....         | Michigan.....                  | July 11               | 19                              | 3       | 8   | 12    |
| 174  | Parkinson, Robert Moody....         | Idaho.....                     | July 7                | 19                              | 4       | 8   | 7     |
| 28   | Partello, Melville Cochran....      | At Large.....                  | July 6                | 18                              | 4       | 8   | 12    |
| 48   | Peck, De Witt.....                  | New York.....                  | July 11               | 17                              | 1       | 8   | 7     |
| 17   | Pennoyer, Frederick William,<br>jr. | New Jersey....                 | Aug. 9                | 18                              | 9       | 8   | 7     |
| 23   | Perry, Benjamin Franklin....        | Ohio.....                      | June 21               | 18                              | 1       | 7   | 29    |
| 49   | Peyton, Thomas Green.....           | West Virginia.                 | Aug. 21               | 17                              | 7       | 8   | 12    |
| 133  | Pigman, Nathaniel Moore....         | Kansas.....                    | June 17               | 19                              | 1       | 8   | 7     |

*last year of their academic course—183 members—Continued.*

| Order of merit for academic year in— |             |                 |                                 |                            |                                     |                     |           |                              |                         |                   |          |             |                  |  |  |
|--------------------------------------|-------------|-----------------|---------------------------------|----------------------------|-------------------------------------|---------------------|-----------|------------------------------|-------------------------|-------------------|----------|-------------|------------------|--|--|
| International<br>law.                | Seamanship. | Guns and mines. | Ballistics and<br>fire control. | Theoretical<br>navigation. | Compass deviation<br>and surveying. | Naval construction. | Turbines. | Power and light<br>circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. | Number of demerits for<br>academic year. | Order of general merit<br>for academic year. |
| 159                                  | 175         | 171             | 125                             | 156                        | 171                                 | 163                 | 175       | 149                          | 153                     | 33                | 30       | 167         | 110              | 39                                       | 160  |
| 147                                  | 82          | 65              | 107                             | 38                         | 53                                  | 107                 | 72        | 109                          | 93                      | 96                | 86       | 108         | 57               | 6  | 69   |
| 25                                   | 11          | 143             | 69                              | 133                        | 93                                  | 121                 | 72        | 149                          | 124                     | 40                | 118      | 60          | 65               | 45                                       | 88   |
| 90                                   | 79          | 20              | 36                              | 44                         | 45                                  | 32                  | 38        | 36                           | 27                      | 6                 | 98       | 75          | 115              | 83                                       | 46   |
| 103                                  | 67          | 42              | 14                              | 42                         | 37                                  | 27                  | 25        | 60                           | 19                      | 64                | 132      | 147         | 110              | 55                                       | 44   |
| 2                                    | 1           | 2               | 2                               | 1                          | 1                                   | 4                   | 1         | 15                           | 2                       | 28                | 15       | 6           | 4                | 14                                       | *2   |
| 121                                  | 73          | 121             | 92                              | 113                        | 138                                 | 161                 | 156       | 152                          | 135                     | 169               | 53       | 36          | 3                | 28                                       | 113  |
| 101                                  | 121         | 103             | 102                             | 52                         | 97                                  | 99                  | 24        | 59                           | 68                      | 38                | 162      | 125         | 84               | 117                                      | 119  |
| 139                                  | 126         | 134             | 140                             | 115                        | 119                                 | 99                  | 91        | 105                          | 165                     | 76                | 9        | 174         | 95               | 50                                       | 136  |
| 172                                  | 162         | 164             | 107                             | 174                        | 182                                 | 175                 | 178       | 156                          | 177                     | 167               | 129      | 82          | 170              | 46                                       | 169  |
| 68                                   | 118         | 138             | 87                              | 72                         | 101                                 | 90                  | 84        | 120                          | 81                      | 66                | 129      | 69          | 132              | 12                                       | 85   |
| 10                                   | 9           | 15              | 8                               | 11                         | 10                                  | 2                   | 7         | 10                           | 10                      | 49                | 11       | 8           | 26               | 14                                       | *4   |
| 140                                  | 149         | 181             | 157                             | 136                        | 166                                 | 167                 | 152       | 161                          | 174                     | 43                | 86       | 152         | 153              | 128                                      | 179  |
| 121                                  | 80          | 107             | 72                              | 136                        | 82                                  | 78                  | 52        | 92                           | 61                      | 40                | 2        | 147         | 177              | 44                                       | 97   |
| 162                                  | 155         | 87              | 144                             | 85                         | 97                                  | 144                 | 129       | 109                          | 85                      | 162               | 161      | 108         | 99               | 127                                      | 153  |
| 81                                   | 88          | 77              | 133                             | 50                         | 56                                  | 126                 | 125       | 68                           | 89                      | 16                | 159      | 123         | 148              | 51                                       | 89   |
| 68                                   | 54          | 143             | 69                              | 104                        | 82                                  | 74                  | 111       | 83                           | 78                      | 123               | 57       | 33          | 21               | 84                                       | 103  |
| 46                                   | 109         | 8               | 77                              | 11                         | 4                                   | 16                  | 50        | 13                           | 44                      | 88                | 134      | 31          | 13               | 50                                       | 24   |
| 34                                   | 54          | 29              | 20                              | 37                         | 24                                  | 99                  | 52        | 34                           | 44                      | 14                | 5        | 41          | 50               | 21                                       | 25   |
| 112                                  | 113         | 107             | 160                             | 68                         | 53                                  | 99                  | 68        | 63                           | 80                      | 87                | 149      | 178         | 61               | 112                                      | 130  |
| 61                                   | 43          | 6               | 20                              | 4                          | 11                                  | 4                   | 4         | 3                            | 1                       | 11                | 123      | 18          | 1                | 16                                       | #*8  |
| 7                                    | 6           | 2               | 4                               | 5                          | 6                                   | 7                   | 2         | 8                            | 2                       | 57                | 25       | 36          | 2                | 8  | *3   |
| 101                                  | 87          | 138             | 45                              | 78                         | 45                                  | 134                 | 57        | 51                           | 74                      | 135               | 93       | 16          | 77               | 16                                       | 66   |
| 128                                  | 97          | 126             | 140                             | 108                        | 106                                 | 120                 | 150       | 109                          | 168                     | 79                | 35       | 73          | 57               | 57                                       | 128  |
| 58                                   | 85          | 121             | 137                             | 151                        | 141                                 | 137                 | 143       | 109                          | 142                     | 151               | 146      | 172         | 135              | 62                                       | 144  |
| 49                                   | 102         | 95              | 51                              | 92                         | 77                                  | 62                  | 86        | 43                           | 30                      | 75                | 42       | 98          | 13               | 27                                       | 60   |
| 135                                  | 111         | 148             | 144                             | 144                        | 128                                 | 51                  | 131       | 145                          | 131                     | 18                | 169      | 16          | 6                | 47                                       | 116  |
| 34                                   | 88          | 81              | 87                              | 64                         | 67                                  | 48                  | 20        | 96                           | 84                      | 128               | 166      | 87          | 50               | 3  | 59   |
| 177                                  | 174         | 159             | 160                             | 177                        | 166                                 | 144                 | 139       | 169                          | 170                     | 113               | 118      | 36          | 33               | 111                                      | 174  |
| 13                                   | 15          | 49              | 38                              | 68                         | 36                                  | 41                  | 34        | 4                            | 30                      | 55                | 91       | 26          | 9                | 78                                       | 28   |
| 21                                   | 102         | 32              | 42                              | 78                         | 95                                  | 51                  | 104       | 72                           | 89                      | 85                | 39       | 69          | 143              | 5  | 48   |
| 41                                   | 40          | 11              | 18                              | 30                         | 24                                  | 24                  | 5         | 16                           | 22                      | 15                | 77       | 82          | 68               | 22                                       | 17   |
| 27                                   | 69          | 11              | 30                              | 15                         | 19                                  | 51                  | 34        | 23                           | 24                      | 64                | 98       | 120         | 77               | 28                                       | 23   |
| 53                                   | 21          | 77              | 67                              | 34                         | 40                                  | 41                  | 62        | 92                           | 81                      | 113               | 177      | 131         | 77               | 18                                       | 49   |
| 121                                  | 143         | 154             | 154                             | 144                        | 153                                 | 153                 | 136       | 149                          | 142                     | 1                 | 75       | 147         | 122              | 15                                       | 133  |

*Relative standing of midshipmen appointed in 1911, for the*

| Order of general merit<br>for academic year. | Names.   | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>admission. |         | Sea serv-<br>ice in<br>practice<br>ships. |       |
|--|--|--------------------------------|-----------------------|---------------------------------|---------|---|-------|
|  |  |                                |                       | Years.                          | Months. | Months.                                   | Days. |
|  |  |                                | 1911.                 |                                 |         |   |       |
| 26   | Pike, Winfred Henry Asa, jr.                   | Nevada.....                    | June 23               | 17                              | 1       | 8   | 12    |
| 16   | Portz, Warner Philip.....                      | Ohio.....                      | June 21               | 19                              | 6       | 8   | 7     |
| 31   | Powers, Melville William.....                  | New York.....                  | Sept. 1               | 19                              | 3       | 8   | 12    |
| 18   | Preston, Kendall.....                          | Colorado.....                  | Aug. 29               | 17                              | 4       | 8   | 7     |
| 145  | Quynn, Allen George.....                       | Maryland.....                  | July 10               | 17                              | 1       | 8   | 7     |
| 158  | Ray, John Stites.....                          | New York.....                  | June 24               | 17                              | 5       | 7   | 26    |
| 58   | Rhea, Powell McClellan.....                    | Arkansas.....                  | June 22               | 19                              | 10      | 8   | 7     |
|  |  |                                | 1910.                 |                                 |         |   |       |
| 123  | Richards, Frederick Gore.....                  | Maine.....                     | June 16               | 17                              | 8       | 8   | 12    |
|  |  |                                | 1911.                 |                                 |         |   |       |
| 146  | Richardson, Clifford Geer.....                 | Connecticut..                  | July 8                | 19                              | 6       | 8   | 7     |
| ior178                                       | Ring, Morton Loomis.....                       | New York.....                  | Sept. 5               | 17                              | 5       | 8   | 7     |
| 12   | Ritchie, Oliver Henderson....                  | Utah.....                      | Aug. 5                | 16                              | 10      | 8   | 12    |
| 19   | Rockwell, John Hobart.....                     | New York.....                  | June 21               | 16                              | 11      | 8   | 7     |
| ior77  | Rockwell, Stephen Geiger....                   | Ohio.....                      | July 7                | 19                              | 11      | 5   | 13    |
| 93   | Royal, Forrest Betton.....                     | New York.....                  | Aug. 14               | 18                              | 6       | 8   | 7     |
| 159  | Schlossbach, Isaac.....                        | New Jersey....                 | July 17               | 19                              | 11      | 8   | 12    |
| 61   | Scott, Leon Buford.....                        | South Carolina                 | June 22               | 18                              | 6       | 8   | 7     |
| 102  | Shelley, Tully.....                            | Virginia.....                  | July 10               | 18                              | 10      | 8   | 12    |
| 40   | Shoemaker, James Marshall...                   | Montana.....                   | July 25               | 16                              | 0       | 8   | 7     |
| 10   | Shofner, Wesley Jackson.....                   | California.....                | June 15               | 18                              | 3       | 8   | 12    |
| 86   | Shumaker, Samuel Robert....                    | Pennsylvania..                 | July 7                | 16                              | 9       | 8   | 7     |
| 141  | Small, John Davis.....                         | Arkansas.....                  | July 6                | 17                              | 9       | 8   | 12    |
| 129  | Smith, Allan Edward.....                       | Michigan.....                  | July 6                | 19                              | 6       | 8   | 7     |
| 67   | Smith, Finney Bascom.....                      | Oklahoma.....                  | June 8                | 20                              | 0       | 7   | 23    |
| 180  | Snelling, William Morton.....                  | Georgia.....                   | May 9                 | 18                              | 8       | 8   | 12    |
| *5   | <b>Sperry, Mark Leavenworth,</b><br><b>jr.</b> | Connecticut...                 | May 12                | 17                              | 6       | 8   | 12    |
| 149  | Sprague, Jonathan Henry.....                   | Michigan.....                  | May 6                 | 19                              | 0       | 7   | 29    |
| 112  | Spriggs, Morris Homer.....                     | Ohio.....                      | Aug. 8                | 19                              | 4       | 8   | 7     |
| 138  | Stedman, Lewis Leiper.....                     | Washington...                  | July 5                | 16                              | 4       | 8   | 12    |
| 167  | Stephan, Albert Ralph.....                     | Idaho.....                     | June 17               | 18                              | 11      | 8   | 7     |
| 11   | Struble, Arthur Dewey.....                     | Oregon.....                    | July 10               | 17                              | 0       | 8   | 12    |
|  |  |                                | 1910.                 |                                 |         |   |       |
| 82   | Thomas, Armit Chester.....                     | Pennsylvania..                 | May 7                 | 18                              | 0       | 7   | 29    |

*last year of their academic course—183 members—Continued.*

| Order of merit for academic year in— |             |                 |                              |                         |                                  |                     |           |                           |                         |                   |          |             |                  | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------------|-------------|-----------------|------------------------------|-------------------------|----------------------------------|---------------------|-----------|---------------------------|-------------------------|-------------------|----------|-------------|------------------|---------------------------------------|---|
| International law.                   | Seamanship. | Guns and mines. | Ballistics and fire control. | Theoretical navigation. | Compass deviation and surveying. | Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. |                                       |   |
| 11                                   | 31          | 15              | 7                            | 19                      | 26                               | 49                  | 7         | 18                        | 20                      | 58                | 39       | 87          | 110              | 78                                    | 26  |
| 13                                   | 64          | 24              | 51                           | 9                       | 44                               | 19                  | 50        | 6                         | 8                       | 25                | 80       | 60          | 152              | 8                                     | 16  |
| 21                                   | 54          | 65              | 20                           | 86                      | 114                              | 12                  | 22        | 24                        | 61                      | 81                | 32       | 98          | 65               | 3                                     | 31  |
| 30                                   | 16          | 29              | 6                            | 20                      | 27                               | 23                  | 17        | 56                        | 25                      | 27                | 134      | 60          | 99               | 14                                    | 18  |
| 162                                  | 157         | 148             | 157                          | 117                     | 144                              | 96                  | 143       | 120                       | 129                     | 85                | 126      | 174         | 148              | 26                                    | 145                                       |
| 153                                  | 171         | 145             | 137                          | 130                     | 157                              | 124                 | 143       | 161                       | 124                     | 78                | 95       | 158         | 135              | 65                                    | 158                                       |
| 61                                   | 64          | 77              | 48                           | 52                      | 119                              | 60                  | 81        | 116                       | 88                      | 67                | 22       | 18          | 48               | 17                                    | 58  |
| 110                                  | 118         | 118             | 129                          | 122                     | 137                              | 182                 | 163       | 141                       | 105                     | 107               | 39       | 50          | 69               | 10                                    | 123                                       |
| 119                                  | 166         | 145             | 154                          | 179                     | 146                              | 107                 | 111       | 141                       | 135                     | 152               | 75       | 145         | 126              | 29                                    | 146                                       |
| 140                                  | 169         | 145             | 173                          | 183                     | 166                              | 183                 | 167       | 176                       | 183                     | 37                | 158      | 131         | 13               | 101                                   | ior178                                    |
| 3                                    | 3           | 46              | 25                           | 8                       | 18                               | 9                   | 3         | 6                         | 12                      | 12                | 60       | 139         | 155              | 39                                    | 12  |
| 16                                   | 22          | 60              | 67                           | 30                      | 32                               | 16                  | 31        | 16                        | 7                       | 36                | 60       | 87          | 99               | 25                                    | 19  |
| 98                                   | 130         | 38              | 45                           | 42                      | 68                               | 69                  | 29        | 49                        | 68                      | 35                | 54       | 125         | 99               | 75                                    | ior77                                     |
| 81                                   | 126         | 148             | 92                           | 78                      | 149                              | 134                 | 62        | 83                        | 158                     | 32                | 169      | 14          | 33               | 10                                    | 93  |
| 61                                   | 135         | 156             | 133                          | 104                     | 128                              | 107                 | 79        | 96                        | 126                     | 158               | 79       | 152         | 174              | 122                                   | 159                                       |
| 75                                   | 69          | 55              | 107                          | 68                      | 106                              | 37                  | 95        | 86                        | 89                      | 24                | 182      | 60          | 84               | 10                                    | 61  |
| 121                                  | 135         | 131             | 55                           | 134                     | 171                              | 129                 | 52        | 127                       | 96                      | 60                | 172      | 41          | 28               | 10                                    | 102                                       |
| 9                                    | 60          | 38              | 15                           | 48                      | 97                               | 85                  | 34        | 43                        | 44                      | 47                | 106      | 75          | 63               | 40                                    | 40  |
| 4                                    | 5           | 26              | 2                            | 20                      | 11                               | 15                  | 10        | 21                        | 4                       | 63                | 12       | 147         | 21               | 8                                     | 10  |
| 135                                  | 150         | 52              | 76                           | 97                      | 82                               | 121                 | 118       | 114                       | 112                     | 103               | 65       | 36          | 148              | 7                                     | 86  |
| 61                                   | 155         | 86              | 87                           | 136                     | 119                              | 85                  | 84        | 72                        | 85                      | 130               | 144      | 152         | 65               | 119                                   | 141                                       |
| 61                                   | 82          | 141             | 120                          | 156                     | 170                              | 151                 | 139       | 152                       | 173                     | 107               | 57       | 92          | 95               | 19                                    | 129                                       |
| 38                                   | 64          | 34              | 44                           | 128                     | 114                              | 45                  | 99        | 92                        | 65                      | 145               | 180      | 75          | 110              | 26                                    | 67  |
| 165                                  | 178         | 176             | 171                          | 151                     | 171                              | 155                 | 115       | 152                       | 135                     | 164               | 152      | 103         | 122              | 139                                   | 180                                       |
| 8                                    | 13          | 8               | 8                            | 7                       | 17                               | 11                  | 38        | 9                         | 8                       | 44                | 43       | 18          | 11               | 5                                     | *5  |
| 165                                  | 171         | 148             | 84                           | 144                     | 157                              | 99                  | 139       | 83                        | 85                      | 107               | 51       | 156         | 110              | 49                                    | 149                                       |
| 90                                   | 121         | 95              | 160                          | 86                      | 153                              | 99                  | 131       | 76                        | 131                     | 121               | 114      | 108         | 77               | 26                                    | 112                                       |
| 81                                   | 142         | 92              | 175                          | 139                     | 126                              | 174                 | 156       | 104                       | 165                     | 178               | 178      | 92          | 119              | 19                                    | 138                                       |
| 157                                  | 150         | 148             | 181                          | 181                     | 180                              | 163                 | 156       | 159                       | 168                     | 113               | 166      | 56          | 165              | 54                                    | 167                                       |
| 18                                   | 16          | 10              | 25                           | 3                       | 2                                | 6                   | 7         | 10                        | 13                      | 119               | 114      | 22          | 16               | 51                                    | 11  |
| 97                                   | 130         | 73              | 98                           | 60                      | 71                               | 45                  | 122       | 79                        | 118                     | 83                | 19       | 103         | 28               | 48                                    | 82  |

*Relative standing of midshipmen appointed in 1911, for the*

| Order of general merit<br>for academic year. | Names.                                | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>admis-<br>sion. |         | Seaserv-<br>ice in<br>practice<br>ships. |       |
|--|---------------------------------------|--------------------------------|-----------------------|--------------------------------------|---------|--|-------|
|  |                                       |                                |                       | Years.                               | Months. | Months.                                  | Days. |
|  |                                       |                                | 1911.                 |                                      |         |  |       |
| 166  | Thomas, William Daniel.....           | Tennessee.....                 | June 22               | 17                                   | 3       | 8  | 7     |
| 108  | Tisdale, Ryland Dillard.....          | Maryland.....                  | July 7                | 16                                   | 8       | 8  | 7     |
| *6   | <b>Tovey, Henry Oliver</b> .....      | Illinois.....                  | June 17               | 19                                   | 5       | 5  | 13    |
| 53   | Umsted, Scott.....                    | Pennsylvania.                  | May 11                | 19                                   | 0       | 8  | 7     |
| 27   | Vickery, Howard Leroy.....            | Ohio.....                      | May 10                | 19                                   | 1       | 7  | 29    |
| 175  | Vickrey, Claude Claire.....           | Kansas.....                    | May 12                | 18                                   | 5       | 8  | 7     |
| 70   | Wagner, Frank Dechant.....            | Pennsylvania.                  | July 7                | 17                                   | 11      | 8  | 7     |
| 71   | Walker, Myron Joseph.....             | Iowa.....                      | June 20               | 18                                   | 10      | 8  | 7     |
| 132  | Watson, Dewitt Chapin.....            | Michigan.....                  | June 29               | 19                                   | 3       | 8  | 7     |
| 170  | Wedderburn, Charles Foster..          | Maryland.....                  | July 7                | 18                                   | 9       | 8  | 7     |
| 80   | Wiley, Herbert Victor.....            | Missouri.....                  | May 10                | 20                                   | 0       | 7  | 29    |
| 98   | Winslow, Winthrop.....                | Maine.....                     | June 19               | 18                                   | 5       | 8  | 6     |
| 109  | Withers, Noble.....                   | Nevada.....                    | Sept. 9               | 16                                   | 0       | 8  | 7     |
| 39   | Wood, Gerard Hadden.....              | New York.....                  | June 19               | 17                                   | 9       | 8  | 7     |
| 120  | Wood, Leighton.....                   | Alabama.....                   | July 8                | 18                                   | 7       | 8  | 12    |
| 122  | Wotherspoon, Alexander<br>Somerville. | New York.....                  | July 7                | 18                                   | 7       | 8  | 7     |
| 83   | Wright, Raymond Race.....             | Nebraska.....                  | July 8                | 19                                   | 5       | 8  | 12    |
| 91   | Wurtele, Allan Ramsey.....            | Minnesota.....                 | July 11               | 17                                   | 9       | 8  | 12    |
| 114  | Wynne, Walter Moakler An-<br>thony.   | New York.....                  | June 20               | 17                                   | 6       | 8  | 7     |

*last year of their academic course—183 members—Continued.*

| Order of merit for academic year in— |             |                 |                              |                         |                                  |                     |           |                           |                         |                   |          |             |                  | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------------|-------------|-----------------|------------------------------|-------------------------|----------------------------------|---------------------|-----------|---------------------------|-------------------------|-------------------|----------|-------------|------------------|---------------------------------------|---|
| International law.                   | Seamanship. | Guns and mines. | Ballistics and fire control. | Theoretical navigation. | Compass deviation and surveying. | Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. |                                       |   |
| 179                                  | 183         | 154             | 181                          | 104                     | 175                              | 172                 | 156       | 141                       | 182                     | 130               | 1        | 120         | 53               | 39                                    | 16  |
| 157                                  | 113         | 14              | 166                          | 32                      | 113                              | 151                 | 152       | 53                        | 53                      | 51                | 183      | 182         | 126              | 66                                    | 108                                       |
| 11                                   | 7           | 5               | 18                           | 25                      | 6                                | 16                  | 52        | 10                        | 25                      | 4                 | 20       | 4           | 18               | 5                                     | * 6                                       |
| 61                                   | 47          | 44              | 107                          | 92                      | 89                               | 62                  | 122       | 81                        | 122                     | 100               | 25       | 3           | 41               | 16                                    | 53  |
| 18                                   | 28          | 109             | 28                           | 38                      | 30                               | 12                  | 13        | 32                        | 37                      | 157               | 84       | 56          | 48               | 28                                    | 27  |
| 147                                  | 181         | 174             | 146                          | 174                     | 160                              | 166                 | 174       | 181                       | 170                     | 158               | 142      | 177         | 115              | 55                                    | 175                                       |
| 30                                   | 54          | 166             | 61                           | 72                      | 89                               | 32                  | 20        | 49                        | 28                      | 29                | 86       | 36          | 90               | 63                                    | 70  |
| 98                                   | 40          | 148             | 84                           | 60                      | 101                              | 66                  | 104       | 56                        | 43                      | 143               | 146      | 41          | 115              | 8                                     | 71  |
| 115                                  | 126         | 116             | 169                          | 117                     | 149                              | 132                 | 154       | 136                       | 107                     | 160               | 159      | 108         | 61               | 27                                    | 132                                       |
| 103                                  | 147         | 168             | 114                          | 163                     | 133                              | 137                 | 86        | 141                       | 126                     | 121               | 112      | 172         | 99               | 128                                   | 170                                       |
| 44                                   | 47          | 103             | 73                           | 101                     | 157                              | 90                  | 42        | 89                        | 110                     | 103               | 84       | 117         | 53               | 10                                    | 80  |
| 110                                  | 97          | 121             | 102                          | 159                     | 114                              | 88                  | 77        | 161                       | 100                     | 83                | 35       | 65          | 28               | 6                                     | 98  |
| 68                                   | 69          | 26              | 73                           | 82                      | 93                               | 82                  | 175       | 166                       | 158                     | 146               | 146      | 158         | 159              | 45                                    | 109                                       |
| 53                                   | 47          | 70              | 48                           | 25                      | 22                               | 35                  | 22        | 19                        | 54                      | 7                 | 101      | 31          | 41               | 72                                    | 39  |
| 90                                   | 97          | 126             | 98                           | 86                      | 79                               | 137                 | 170       | 120                       | 155                     | 176               | 134      | 58          | 63               | 43                                    | 120                                       |
| 103                                  | 102         | 176             | 114                          | 169                     | 171                              | 155                 | 143       | 145                       | 163                     | 3                 | 77       | 24          | 77               | 1                                     | 122                                       |
| 21                                   | 138         | 60              | 114                          | 107                     | 79                               | 119                 | 118       | 86                        | 135                     | 183               | 43       | 135         | 28               | 5                                     | 83  |
| 68                                   | 85          | 15              | 33                           | 38                      | 49                               | 74                  | 81        | 45                        | 78                      | 141               | 144      | 142         | 126              | 114                                   | 91  |
| 115                                  | 179         | 29              | 154                          | 52                      | 62                               | 124                 | 104       | 96                        | 50                      | 52                | 149      | 125         | 84               | 86                                    | 114                                       |

*Midshipmen of the first class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                               | State from which<br>appointed | Date of<br>admission. | Age at<br>date of<br>ad-<br>mission. |         |
|--|--------------------------------------|-------------------------------|-----------------------|--------------------------------------|---------|
|  |                                      |                               |                       | Years.                               | Months. |
| †52  | Alexander, Boyd Rufus.....           | Alabama.....                  | June 18, 1912         | 18                                   | 8       |
| ip103  | Alger, Montgomery Meigs.....         | Massachusetts...              | July 5, 1912          | 16                                   | 9       |
| 19   | Awtrey, Robert Adair.....            | Georgia.....                  | July 12, 1912         | 16                                   | 7       |
| 121  | Bacon, William Palmer.....           | Ohio.....                     | July 31, 1912         | 18                                   | 2       |
| 33   | Bagby, Lew Wallace.....              | Missouri.....                 | July 16, 1912         | 17                                   | 5       |
| 21   | Baker, Charles Adams.....            | Virginia.....                 | July 9, 1912          | 18                                   | 10      |
| 74   | Bateman, Arnold Hannington...        | Montana.....                  | June 14, 1912         | 18                                   | 4       |
| 133  | Baugh, Harry Van Cleve.....          | Indiana.....                  | July 5, 1912          | 19                                   | 2       |
| 46   | Beatty, Frank Edmund, jr.....        | Minnesota.....                | June 15, 1912         | 18                                   | 0       |
| †H156  | Benson, Francis Wyse.....            | South Carolina.               | June 11, 1912         | 17                                   | 2       |
| *4   | <b>Berkey, Russell Stanley</b> ..... | Indiana.....                  | June 11, 1912         | 18                                   | 10      |
| 106  | Berwind, Charles Graham.....         | Pennsylvania...               | July 9, 1912          | 17                                   | 9       |
| 92   | Betts, James Emmet.....              | Iowa.....                     | June 17, 1912         | 19                                   | 10      |
| †149   | Blackburn, Casper Kimberlin....      | Nebraska.....                 | July 8, 1912          | 19                                   | 9       |
| 58   | Bloom, John Melbourne.....           | Michigan.....                 | Aug. 5, 1912          | 19                                   | 4       |
| 35   | Bogan, Gerald Francis.....           | Illinois.....                 | June 15, 1912         | 17                                   | 11      |
| 40   | Borden, Walter Eugene, jr.....       | North Carolina.               | June 17, 1912         | 17                                   | 7       |
| *5   | <b>Bourne, Robert Cushman</b> ....   | Massachusetts...              | June 14, 1912         | 17                                   | 11      |
| 28   | Boyer, William Francis.....          | Missouri.....                 | June 15, 1912         | 19                                   | 1       |
| 11   | Braine, Clinton Elgin, jr.....       | New York.....                 | July 2, 1912          | 17                                   | 7       |
| 81   | Brewster, George Platt, jr.....      | Colorado.....                 | Aug. 1, 1912          | 19                                   | 4       |
| 68   | Broadfoot, Henry Bryan.....          | North Carolina.               | July 10, 1912         | 18                                   | 10      |
| 161  | Brown, Leon Frederick.....           | Connecticut....               | June 11, 1912         | 18                                   | 2       |
| 73   | Bunnell, Gilbert Franklin.....       | New York.....                 | June 11, 1912         | 19                                   | 5       |
| 115  | Burhans, Arthur Daniel.....          | Michigan.....                 | July 23, 1912         | 17                                   | 9       |
| 70   | Carlson, Milton Oren.....            | Oregon.....                   | June 18, 1912         | 17                                   | 5       |
| 66   | Carney, Robert Bostwick.....         | At large.....                 | July 12, 1912         | 17                                   | 4       |
| ij25   | Carpenter, Donald Marshall.....      | Pennsylvania...               | July 12, 1912         | 18                                   | 4       |
| 136  | Carr, T. De Witt.....                | West Virginia..               | June 18, 1912         | 18                                   | 6       |
| 159  | Carrington, Walter Spottswood...     | South Carolina.               | June 11, 1912         | 18                                   | 10      |
| 67   | Carson, John Hazard.....             | South Carolina.               | July 12, 1912         | 16                                   | 3       |
| 110  | Casey, William Rossiter.....         | New York.....                 | July 10, 1912         | 19                                   | 6       |
| 80   | Cauldwell, Oscar Ray.....            | Indiana.....                  | Aug. 1, 1912          | 19                                   | 11      |
| 140  | Cecil, Charles Purcell.....          | Kentucky.....                 | July 9, 1912          | 18                                   | 10      |
| 127  | Chapline, George Frederick.....      | Nebraska.....                 | July 6, 1912          | 18                                   | 0       |
| 62   | Claghorn, Richard Raymond.....       | Washington.....               | June 11, 1912         | 16                                   | .9      |
| 164  | Cochrane, Edwin Fridley.....         | North Dakota..                | June 11, 1912         | 19                                   | 11      |

annual examination, June, 1915—199 members.

| Sea service in practice ships. |       | Order of merit for the academic year in— |             |                        |          |            |                            |                                  |          |            |             |                  | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------|-------|--|-------------|------------------------|----------|------------|----------------------------|----------------------------------|----------|------------|-------------|------------------|---------------------------------------|---|
| Months.                        | Days. | Ordnance.                                | Navigation. | Boilers and mechanism. | Engines. | Mechanics. | Electricity and magnetism. | Direct and alternating currents. | English. | Languages. | Efficiency. | Practice cruise. |                                       |   |
| 8                              | 18    | 197                                      | 21          | 57                     | 114      | 6          | 24                         | 65                               | 23       | 89         | 85          | 177              | 72                                    | †52                                       |
| 5                              | 24    | 117                                      | 102         | 56                     | 171      | 28         | 59                         | 61                               | 68       | 176        | 139         | 164              | 91                                    | ip103                                     |
| 8                              | 18    | 27                                       | 8           | 51                     | 32       | 8          | 42                         | 27                               | 45       | 37         | 163         | 69               | 34                                    | 19  |
| 8                              | 18    | 170                                      | 85          | 57                     | 161      | 100        | 126                        | 112                              | 80       | 167        | 107         | 156              | 39                                    | 121                                       |
| 6                              | 17    | 137                                      | 24          | 115                    | 56       | 43         | 30                         | 47                               | 36       | 5          | 73          | 168              | 37                                    | 33  |
| 8                              | 18    | 24                                       | 40          | 57                     | 37       | 44         | 57                         | 17                               | 42       | 11         | 9           | 5                | 21                                    | 21  |
| 8                              | 13    | 133                                      | 50          | 125                    | 141      | 105        | 79                         | 57                               | 16       | 133        | 27          | 137              | 31                                    | 74  |
| 8                              | 18    | 181                                      | 115         | 98                     | 126      | 57         | 122                        | 148                              | 73       | 111        | 170         | 124              | 92                                    | 133                                       |
| 8                              | 18    | 27                                       | 28          | 69                     | 96       | 31         | 65                         | 61                               | 94       | 119        | 15          | 18               | 26                                    | 46  |
| 6                              | 16    | 90                                       | 137         | 160                    | 191      | 112        | 179                        | 186                              | 112      | 166        | 93          | 23               | 32                                    | †H156                                     |
| 8                              | 18    | 7  | 5           | 4                      | 11       | 2          | 4                          | 8                                | 31       | 22         | 15          | 1                | 8                                     | *4  |
| 8                              | 18    | 181                                      | 143         | 69                     | 126      | 121        | 94                         | 81                               | 137      | 153        | 20          | 8                | 16                                    | 106                                       |
| 8                              | 23    | 128                                      | 113         | 91                     | 92       | 179        | 164                        | 123                              | 101      | 10         | 56          | 27               | 23                                    | 92  |
| 8                              | 18    | 194                                      | 86          | 160                    | 184      | 127        | 150                        | 193                              | 31       | 93         | 73          | 168              | 32                                    | †149                                      |
| 8                              | 23    | 97                                       | 44          | 36                     | 93       | 37         | 65                         | 65                               | 116      | 64         | 107         | 137              | 63                                    | 58  |
| 8                              | 18    | 23                                       | 15          | 77                     | 121      | 70         | 101                        | 69                               | 27       | 15         | 10          | 6                | 23                                    | 35  |
| 8                              | 23    | 54                                       | 36          | 30                     | 43       | 64         | 55                         | 61                               | 101      | 19         | 62          | 130              | 36                                    | 40  |
| 8                              | 18    | 4  | 6           | 6                      | 16       | 27         | 2                          | 5                                | 7        | 7          | 4           | 20               | 11                                    | *5  |
| 8                              | 18    | 145                                      | 11          | 69                     | 135      | 31         | 42                         | 18                               | 19       | 79         | 18          | 69               | 16                                    | 28  |
| 8                              | 18    | 24                                       | 8           | 25                     | 25       | 10         | 10                         | 15                               | 55       | 85         | 42          | 120              | 0                                     | 11  |
| 8                              | 23    | 95                                       | 31          | 69                     | 101      | 62         | 72                         | 34                               | 116      | 83         | 193         | 202              | 102                                   | 81  |
| 8                              | 23    | 172                                      | 45          | 120                    | 130      | 68         | 87                         | 103                              | 52       | 32         | 49          | 184              | 14                                    | 68  |
| 8                              | 23    | 191                                      | 147         | 165                    | 189      | 152        | 174                        | 108                              | 137      | 46         | 144         | 134              | 52                                    | 161                                       |
| 8                              | 18    | 113                                      | 72          | 69                     | 108      | 79         | 72                         | 73                               | 37       | 77         | 100         | 124              | 36                                    | 73  |
| 8                              | 23    | 175                                      | 98          | 64                     | 158      | 79         | 112                        | 86                               | 124      | 47         | 159         | 201              | 57                                    | 115                                       |
| 8                              | 18    | 81                                       | 86          | 69                     | 68       | 81         | 49                         | 108                              | 124      | 39         | 27          | 40               | 62                                    | 70  |
| 8                              | 23    | 33                                       | 69          | 33                     | 29       | 118        | 65                         | 59                               | 10       | 8          | 93          | 177              | 163                                   | 66  |
| 8                              | 23    | 50                                       | 74          | 39                     | 24       | 19         | 11                         | 29                               | 13       | 49         | 132         | 44               | 32                                    | ij25                                      |
| 8                              | 18    | 97                                       | 151         | 57                     | 75       | 171        | 150                        | 179                              | 192      | 99         | 27          | 69               | 37                                    | 136                                       |
| 8                              | 18    | 152                                      | 178         | 91                     | 181      | 137        | 104                        | 116                              | 44       | 140        | 107         | 177              | 77                                    | 159                                       |
| 8                              | 18    | 50                                       | 63          | 44                     | 106      | 55         | 62                         | 91                               | 174      | 189        | 45          | 93               | 19                                    | 67  |
| 8                              | 18    | 152                                      | 76          | 80                     | 141      | 137        | 109                        | 130                              | 144      | 146        | 127         | 93               | 10                                    | 110                                       |
| 8                              | 23    | 175                                      | 66          | 129                    | 173      | 160        | 112                        | 84                               | 42       | 17         | 11          | 53               | 12                                    | 80  |
| 8                              | 18    | 137                                      | 118         | 129                    | 152      | 127        | 117                        | 151                              | 189      | 96         | 93          | 57               | 40                                    | 140                                       |
| 8                              | 18    | 93                                       | 143         | 140                    | 72       | 144        | 126                        | 114                              | 147      | 179        | 18          | 106              | 40                                    | 127                                       |
| 8                              | 23    | 175                                      | 20          | 157                    | 108      | 94         | 72                         | 75                               | 116      | 36         | 49          | 100              | 8                                     | 62  |
| 6                              | 21    | 137                                      | 155         | 188                    | 175      | 176        | 157                        | 175                              | 119      | 92         | 113         | 189              | 15                                    | 164                                       |

*Midshipmen of the first class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                             | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>ad-<br>mission. |         |
|--|------------------------------------|--------------------------------|-----------------------|--------------------------------------|---------|
|  |                                    |                                |                       | Years.                               | Months. |
| 108  | Cole, Maxwell.....                 | New York.....                  | July 6, 1912          | 16                                   | 6       |
| 195  | Compton, James Percival.....       | Connecticut....                | July 8, 1912          | 16                                   | 7       |
| 180  | Cooper, Lowell.....                | Georgia.....                   | July 5, 1912          | 16                                   | 11      |
| 162  | Cooper, Thomas Valentine.....      | Pennsylvania...                | July 9, 1912          | 19                                   | 7       |
| 134  | Cowles, Walter Bull.....           | Hawaii.....                    | June 14, 1912         | 18                                   | 10      |
| †177   | Craig, Carlyle.....                | North Carolina.                | July 5, 1912          | 19                                   | 8       |
| 59   | Craven, Frederick Barnard.....     | At large.....                  | July 18, 1912         | 17                                   | 7       |
| 54   | Dague, Byron Scott.....            | Illinois.....                  | June 14, 1912         | 18                                   | 2       |
| 187  | Davidson, George Drummond....      | Louisiana.....                 | June 11, 1912         | 18                                   | 8       |
| 176  | Davis, James Kepler.....           | Pennsylvania...                | June 12, 1912         | 18                                   | 0       |
| *2   | <b>Davison, Ralph Eugene</b> ..... | Missouri.....                  | June 24, 1912         | 16                                   | 9       |
| 31   | Dudley, Sidney Everett.....        | Wyoming.....                   | July 23, 1912         | 20                                   | 0       |
| 118  | Durgin, Calvin Thornton.....       | New Jersey.....                | July 6, 1912          | 19                                   | 7       |
| *3   | <b>Earle, Norman Pearce</b> .....  | Illinois.....                  | July 12, 1912         | 17                                   | 6       |
| 69   | Earnhardt, Edwin Snell.....        | North Carolina.                | July 22, 1912         | 17                                   | 1       |
| 55   | Emerson, Arthur Tenney.....        | Massachusetts..                | June 15, 1912         | 18                                   | 6       |
| 118  | Erickson, Oscar William.....       | Oklahoma.....                  | June 18, 1912         | 16                                   | 4       |
| 65   | Ericsson, Edward Lewis.....        | New York.....                  | June 17, 1912         | 19                                   | 11      |
| 184  | Evans, Chaplin Eppes.....          | Virginia.....                  | June 11, 1912         | 18                                   | 4       |
| h¶191  | Failing, Rollin Van Alstine.....   | Michigan.....                  | July 9, 1912          | 18                                   | 7       |
| 105  | Fallon, Henry Netterville.....     | Pennsylvania...                | July 8, 1912          | 16                                   | 11      |
| 26   | Fechteler, William Morrow.....     | At Large.....                  | July 16, 1912         | 16                                   | 4       |
| 111  | Feineman, Wilbur William.....      | Missouri.....                  | July 12, 1912         | 19                                   | 5       |
| 27   | Fiske, Leon Sangster.....          | Maine.....                     | June 21, 1912         | 17                                   | 10      |
| 120  | Flood, Bruce Pepper.....           | California.....                | Aug. 5, 1912          | 17                                   | 8       |
| 144  | Forrestel, William John.....       | New York.....                  | Aug. 13, 1912         | 17                                   | 9       |
| 99   | Fraser, Archibald Eliot.....       | New Jersey.....                | June 12, 1912         | 18                                   | 3       |
| 155  | Fuller, Edward Canfield.....       | Michigan.....                  | July 12, 1912         | 18                                   | 10      |
| 36   | Furey, Bartley Gregory.....        | New York.....                  | June 18, 1912         | 18                                   | 6       |
| 95   | Gates, Nelson Nelles.....          | At Large.....                  | July 6, 1912          | 16                                   | 5       |
| 51   | Geisenhoff, Arthur Cooper.....     | New York.....                  | July 10, 1912         | 18                                   | 11      |
| f146   | Gibson, Monty Edward.....          | New York.....                  | July 8, 1912          | 17                                   | 11      |
| anf  | Gill, Charles Cooper.....          | Tennessee.....                 | June 18, 1912         | 18                                   | 3       |
| 137  | Gilliam, Charles Thaddeus.....     | Texas.....                     | Aug. 1, 1912          | 18                                   | 5       |
| 117  | Ginder, Samuel Paul.....           | Pennsylvania...                | July 8, 1912          | 17                                   | 5       |
| 38   | Glutting, Paul Rolland.....        | Indiana.....                   | June 17, 1912         | 18                                   | 6       |
| 102  | Goen, Paul Swigart.....            | Iowa.....                      | July 11, 1912         | 18                                   | 3       |

annual examination, June, 1915—199 members—Continued.

| Sea service in practice ships. |    | Order of merit for the academic year in— |             |                        |          |            |                            |                                  |          |            |             |                  | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------|----|--|-------------|------------------------|----------|------------|----------------------------|----------------------------------|----------|------------|-------------|------------------|---------------------------------------|---|
|                                |    | Ordnance.                                | Navigation. | Boilers and mechanism. | Engines. | Mechanics. | Electricity and magnetism. | Direct and alternating currents. | English. | Languages. | Efficiency. | Practice cruise. |                                       |   |
| 8                              | 18 | 74                                       | 103         | 80                     | 108      | 70         | 188                        | 92                               | 129      | 125        | 113         | 185              | 35                                    | 108                                       |
| 6                              | 16 | 183                                      | 168         | 188                    | 182      | 160        | 182                        | 170                              | 179      | 178        | 196         | 192              | 129                                   | 195                                       |
| 8                              | 18 | 81                                       | 184         | 188                    | 194      | 186        | 132                        | 142                              | 192      | 175        | 56          | 124              | 18                                    | 180                                       |
| 8                              | 18 | 118                                      | 162         | 127                    | 182      | 59         | 141                        | 121                              | 84       | 171        | 176         | 144              | 98                                    | 162                                       |
| 8                              | 18 | 118                                      | 78          | 83                     | 62       | 68         | 157                        | 114                              | 147      | 149        | 189         | 174              | 124                                   | 134                                       |
| 5                              | 19 | 185                                      | 128         | 129                    | 152      | 160        | 184                        | 189                              | 151      | 191        | 132         | 100              | 61                                    | †177                                      |
| 8                              | 18 | 30                                       | 91          | 29                     | 39       | 70         | 45                         | 58                               | 80       | 155        | 127         | 23               | 33                                    | 59  |
| 8                              | 17 | 74                                       | 61          | 36                     | 72       | 52         | 27                         | 39                               | 27       | 57         | 189         | 165              | 63                                    | 54  |
| 8                              | 18 | 188                                      | 196         | 177                    | 185      | 147        | 184                        | 130                              | 90       | 102        | 151         | 203              | 62                                    | 187                                       |
| 8                              | 23 | 165                                      | 176         | 144                    | 189      | 152        | 174                        | 142                              | 61       | 141        | 168         | 156              | 46                                    | 176                                       |
| 8                              | 23 | 2  | 1           | 1                      | 6        | 13         | 5                          | 5                                | 3        | 13         | 7           | 3                | 10                                    | *2  |
| 6                              | 16 | 39                                       | 29          | 13                     | 62       | 75         | 18                         | 42                               | 68       | 98         | 20          | 27               | 21                                    | 31  |
| 8                              | 23 | 147                                      | 118         | 120                    | 73       | 62         | 157                        | 96                               | 187      | 137        | 79          | 144              | 60                                    | 118                                       |
| 8                              | 23 | 10                                       | 3           | 2                      | 1        | 3          | 2                          | 2                                | 30       | 25         | 11          | 31               | 9                                     | *3  |
| 8                              | 18 | 58                                       | 95          | 133                    | 62       | 81         | 62                         | 37                               | 163      | 54         | 144         | 69               | 31                                    | 69  |
| 8                              | 18 | 50                                       | 50          | 44                     | 52       | 121        | 65                         | 137                              | 27       | 48         | 6           | 196              | 1                                     | 55  |
| 8                              | 18 | 128                                      | 95          | 125                    | 149      | 141        | 94                         | 123                              | 52       | 164        | 79          | 69               | 22                                    | 118                                       |
| 8                              | 18 | 86                                       | 45          | 54                     | 96       | 64         | 129                        | 75                               | 39       | 151        | 79          | 134              | 12                                    | 65  |
| 5                              | 7  | 175                                      | 162         | 181                    | 174      | 193        | 196                        | 183                              | 98       | 172        | 40          | 13               | 55                                    | 184                                       |
| 8                              | 10 | 192                                      | 168         | 196                    | 168      | 102        | 190                        | 195                              | 178      | 193        | 127         | 168              | 102                                   | h¶191                                     |
| 8                              | 18 | 64                                       | 54          | 193                    | 58       | 152        | 72                         | 44                               | 129      | 142        | 199         | 120              | 58                                    | 105                                       |
| 8                              | 18 | 54                                       | 13          | 17                     | 26       | 5          | 24                         | 5                                | 56       | 65         | 144         | 150              | 167                                   | 26  |
| 8                              | 18 | 172                                      | 118         | 157                    | 135      | 127        | 92                         | 79                               | 90       | 35         | 49          | 44               | 56                                    | 111                                       |
| 8                              | 18 | 39                                       | 33          | 39                     | 30       | 24         | 30                         | 30                               | 61       | 101        | 35          | 162              | 28                                    | 27  |
| 8                              | 23 | 86                                       | 95          | 149                    | 106      | 152        | 150                        | 103                              | 73       | 29         | 85          | 177              | 73                                    | 120                                       |
| 8                              | 14 | 152                                      | 115         | 165                    | 141      | 121        | 65                         | 123                              | 84       | 105        | 159         | 106              | 82                                    | 144                                       |
| 8                              | 18 | 124                                      | 86          | 115                    | 161      | 112        | 58                         | 88                               | 101      | 111        | 62          | 47               | 20                                    | 99  |
| 6                              | 16 | 137                                      | 103         | 110                    | 114      | 176        | 138                        | 102                              | 160      | 182        | 183         | 165              | 71                                    | 155                                       |
| 8                              | 23 | 30                                       | 63          | 27                     | 47       | 61         | 45                         | 15                               | 48       | 55         | 85          | 53               | 33                                    | 36  |
| 8                              | 18 | 118                                      | 86          | 153                    | 152      | 49         | 104                        | 144                              | 39       | 42         | 163         | 61               | 38                                    | 95  |
| 8                              | 23 | 39                                       | 49          | 33                     | 22       | 59         | 62                         | 56                               | 90       | 57         | 183         | 144              | 39                                    | 51  |
| 8                              | 18 | 118                                      | 100         | 153                    | 161      | 127        | 141                        | 128                              | 98       | 161        | 49          | 120              | 68                                    | f146                                      |
| 5                              | 15 | 149                                      | 160         | 91                     | 188      | 184        | 172                        | 186                              | 124      | .....      | 42          | 57               | 51                                    | avf                                       |
| 8                              | 23 | 183                                      | 153         | 165                    | 149      | 141        | 179                        | 108                              | 101      | 114        | 35          | 27               | 12                                    | 137                                       |
| 8                              | 18 | 158                                      | 109         | 101                    | 80       | 64         | 81                         | 171                              | 185      | 150        | 120         | 116              | 42                                    | 117                                       |
| 8                              | 23 | 71                                       | 45          | 30                     | 52       | 16         | 65½                        | 73                               | 80       | 132        | 93          | 111              | 2                                     | 38  |
| 8                              | 18 | 86                                       | 74          | 49                     | 90       | 105        | 81                         | 119                              | 61       | 61         | 107         | 124              | 94                                    | 102                                       |

*Midshipmen of the first class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                          | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>ad-<br>mission. |         |
|--|---------------------------------|--------------------------------|-----------------------|--------------------------------------|---------|
|  |                                 |                                |                       | Years.                               | Months. |
| 183  | Grassie, Herbert John.....      | Massachusetts..                | July 15, 1912         | 17                                   | 6       |
| H77  | Gregory, Joseph Wesley.....     | New York.....                  | July 10, 1912         | 17                                   | 4       |
| 112  | Grosskopf, Homer Louis.....     | Minnesota.....                 | July 11, 1912         | 20                                   | 0       |
| 84   | Halpine, Charles Greham.....    | New York.....                  | July 6, 1912          | 19                                   | 2       |
| 30   | Hamill, Carroll William.....    | Texas.....                     | July 11, 1912         | 19                                   | 10      |
| ik179  | Hamilton, Stuart Adams.....     | Connecticut....                | June 11, 1912         | 19                                   | 2       |
| il10   | Hardison, Osborne Bennett....   | North Carolina..               | June 11, 1912         | 19                                   | 6       |
| 32   | Havill, Clinton Hunter.....     | Ohio.....                      | June 20, 1912         | 19                                   | 7       |
| 47   | Hawthorne, William Gŭlman....   | Illinois.....                  | June 11, 1912         | 18                                   | 1       |
| h1189  | Heath, William Shannon.....     | South Carolina..               | June 18, 1912         | 18                                   | 6       |
| 151  | Herndon, Linton.....            | Oklahoma.....                  | July 8, 1912          | 16                                   | 10      |
| 175  | Hilton, Carl Holber.....        | New Mexico....                 | July 6, 1912          | 19                                   | 7       |
| br197  | Hinton, John.....               | Missouri.....                  | July 9, 1912          | 17                                   | 5       |
| 13   | Hitchcock, Russell Snow.....    | Massachusetts..                | June 12, 1912         | 19                                   | 0       |
| 94   | Holcombe, Benjamin Royall....   | New York.....                  | June 11, 1912         | 18                                   | 2       |
| †173   | Holmes, Maurice Gardner.....    | Mississippi....                | July 15, 1912         | 19                                   | 7       |
| 174  | Hoover, Gilbert Corwin.....     | Ohio.....                      | June 17, 1912         | 17                                   | 11      |
| 21   | Horne, Harold Matthews.....     | Michigan.....                  | June 11, 1912         | 17                                   | 8       |
| *6   | Hussey, George Frederick, jr.   | Massachusetts..                | June 15, 1912         | 18                                   | 0       |
| 181  | Jacobsen, Arnold Windom.....    | Iowa.....                      | June 11, 1912         | 20                                   | 1       |
| il132  | Jefferis, Leslie Vance.....     | New York.....                  | June 14, 1912         | 19                                   | 8       |
| il57   | Jenkins, Bernard Folsom.....    | New Hampshire                  | Sept. 7, 1912         | 19                                   | 1       |
| †157   | Jenkins, Earle Herndon.....     | Virginia.....                  | July 6, 1912          | 18                                   | 3       |
| 163  | Jones, Herbert Sidney.....      | New York.....                  | July 11, 1912         | 19                                   | 0       |
| 158  | Jones, Richard Howard.....      | West Virginia..                | July 10, 1912         | 18                                   | 2       |
| 165  | Jones, Roy Kehlor.....          | Oklahoma.....                  | July 6, 1912          | 18                                   | 11      |
| 98   | Joy, Charles Turner.....        | Illinois.....                  | July 6, 1912          | 17                                   | 5       |
| 63   | Kalk, Stanton Frederick.....    | Nebraska.....                  | July 13, 1912         | 17                                   | 8       |
| 143  | Keady, William Leo.....         | New York.....                  | July 22, 1912         | 18                                   | 7       |
| *8   | Keliher, Thomas Joseph, jr..    | Massachusetts..                | June 15, 1912         | 19                                   | 3       |
| 182  | Kennedy, Robert Norris.....     | New Hampshire                  | July 10, 1912         | 19                                   | 8       |
| 83   | Kenworthy, Jesse Lloyd.....     | Pennsylvania...                | July 19, 1912         | 19                                   | 11      |
| 56   | Kercher, Merrill A.....         | Indiana.....                   | Aug. 15, 1912         | 16                                   | 9       |
| 20   | Ketcham, Tuthill.....           | Illinois.....                  | July 19, 1912         | 18                                   | 6       |
| 114  | Kirtland, Fred Durrel.....      | Kansas.....                    | June 11, 1912         | 19                                   | 7       |
| 138  | Kirtland, Sidney Williamson.... | Florida.....                   | June 13, 1912         | 18                                   | 2       |
| 42   | Kitts, Willard Augustus, 3d.... | New York.....                  | July 12, 1912         | 18                                   | 3       |

annual examination, June, 1915—199 members—Continued.

| Sea service in practice ships. |       | Order of merit for the academic year in— |             |                        |          |            |                            |                                  |          |            |             |                  |     | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------|-------|--|-------------|------------------------|----------|------------|----------------------------|----------------------------------|----------|------------|-------------|------------------|-----|---------------------------------------|---|
| Months.                        | Days. | Ordnance.                                | Navigation. | Boilers and mechanism. | Engines. | Mechanics. | Electricity and magnetism. | Direct and alternating currents. | English. | Languages. | Efficiency. | Practice cruise. |     |                                       |   |
| 6                              | 16    | 165                                      | 147         | 160                    | 147      | 165        | 174                        | 135                              | 109      | 135        | 196         | 130              | 111 | 183                                   |   |
| 8                              | 5     | 158                                      | 100         | 57                     | 126      | 52         | 55                         | 96                               | 67       | 107        | 117         | 100              | 22  | H77                                   |   |
| 8                              | 23    | 113                                      | 63          | 69                     | 171      | 94         | 79                         | 148                              | 94       | 114        | 25          | 116              | 74  | 112                                   |   |
| 8                              | 18    | 108                                      | 140         | 140                    | 47       | 105        | 122                        | 177                              | 39       | 18         | 33          | 1                | 40  | 84                                    |   |
| 8                              | 23    | 111                                      | 80          | 25                     | 45       | 34         | 21                         | 41                               | 20       | 41         | 62          | 69               | 30  | 30                                    |   |
| 5                              | 15    | 165                                      | 168         | 175                    | 108      | 149        | 141                        | 166                              | 109      | 104        | 176         | 69               | 113 | ik179                                 |   |
| 5                              | 13    | 20                                       | 24          | 10                     | 15       | 9          | 8                          | 12                               | 7        | 21         | 93          | 13               | 3   | il10                                  |   |
| 8                              | 18    | 27                                       | 33          | 21                     | 22       | 46         | 27                         | 25                               | 61       | 159        | 100         | 156              | 37  | 32                                    |   |
| 8                              | 23    | 5  | 56          | 77                     | 27       | 127        | 85                         | 65                               | 2        | 40         | 117         | 69               | 25  | 47                                    |   |
| 8                              | 23    | 152                                      | 168         | 165                    | 196      | 121        | 179                        | 193                              | 158      | 125        | 73          | 156              | 110 | h†189                                 |   |
| 8                              | 18    | 188                                      | 149         | 179                    | 155      | 160        | 104                        | 157                              | 179      | 120        | 120         | 111              | 6   | 151                                   |   |
| 8                              | 23    | 165                                      | 184         | 188                    | 135      | 181        | 150                        | 163                              | 158      | 59         | 176         | 144              | 51  | 175                                   |   |
| 5                              | 15    | 195                                      | 197         | 184                    | 197      | 191        | 192                        | 189                              | 169      | 173        | 189         | 141              | 128 | br197                                 |   |
| 8                              | 23    | 39                                       | 17          | 8                      | 13       | 18         | 14                         | 26                               | 80       | 89         | 22          | 64               | 0   | 13                                    |   |
| 8                              | 23    | 108                                      | 66          | 186                    | 122      | 147        | 101                        | 185                              | 9        | 79         | 25          | 14               | 9   | 94                                    |   |
| 8                              | 18    | 97                                       | 178         | 195                    | 186      | 193        | 182                        | 192                              | 68       | 44         | 100         | 23               | 42  | †173                                  |   |
| 8                              | 23    | 54                                       | 195         | 188                    | 155      | 186        | 197                        | 166                              | 137      | 194        | 22          | 47               | 5   | 174                                   |   |
| 8                              | 23    | 74                                       | 2           | 44                     | 66       | 41         | 18                         | 21                               | 11       | 23         | 163         | 47               | 47  | 21                                    |   |
| 8                              | 18    | 13                                       | 17          | 3                      | 3        | 24         | 12                         | 11                               | 4        | 9          | 1           | 11               | 14  | *6                                    |   |
| 8                              | 18    | 118                                      | 191         | 165                    | 135      | 188        | 138                        | 166                              | 129      | 170        | 113         | 156              | 52  | 181                                   |   |
| 2                              | 21    | 128                                      | 141         | 91                     | 124      | 115        | 109                        | 107                              | 68       | 164        | 193         | 195½             | 27  | il132                                 |   |
| 5                              | 24    | 30                                       | 29          | 120                    | 58       | 89         | 45                         | 50                               | 54       | 162        | 120         | 137              | 22  | il57                                  |   |
| 6                              | 16    | 163                                      | 178         | 179                    | 126      | 97         | 122                        | 191                              | 163      | 75         | 73          | 177              | 56  | †157                                  |   |
| 8                              | 10    | 145                                      | 155         | 101                    | 141      | 181        | 184                        | 175                              | 191      | 158        | 151         | 93               | 13  | 163                                   |   |
| 5                              | 7     | 124                                      | 128         | 157                    | 155      | 134        | 169                        | 159                              | 144      | 130        | 85          | 47               | 75  | 158                                   |   |
| 8                              | 18    | 157                                      | 184         | 129                    | 180      | 105        | 132                        | 161                              | 174      | 127        | 132         | 195              | 37  | 165                                   |   |
| 8                              | 18    | 97                                       | 109         | 136                    | 12       | 118        | 81                         | 96                               | 101      | 68         | 49          | 30               | 48  | 98                                    |   |
| 8                              | 18    | 128                                      | 43          | 42                     | 75       | 40         | 87                         | 96                               | 124      | 108        | 192         | 35               | 33  | 63                                    |   |
| 8                              | 18    | 58                                       | 113         | 88                     | 124      | 127        | 145                        | 144                              | 147      | 120        | 100         | 57               | 87  | 143                                   |   |
| 8                              | 18    | 17                                       | 17          | 15                     | 2        | 35         | 24                         | 10                               | 5        | 4          | 2           | 21               | 18  | *8                                    |   |
| 8                              | 4     | 174                                      | 187         | 149                    | 193      | 165        | 145                        | 180                              | 197      | 156        | 79          | 21               | 22  | 182                                   |   |
| 8                              | 10    | 74                                       | 128         | 88                     | 104      | 157        | 100                        | 75                               | 61       | 94         | 4           | 55               | 1   | 83                                    |   |
| 8                              | 18    | 58                                       | 69          | 101                    | 62       | 15         | 50                         | 30                               | 142      | 94         | 168         | 93               | 82  | 56                                    |   |
| 8                              | 23    | 24                                       | 23          | 21                     | 57       | 14         | 23                         | 21                               | 34       | 12         | 185         | 185              | 42  | 20                                    |   |
| 8                              | 18    | 64                                       | 143         | 101                    | 101      | 157        | 112                        | 92                               | 113      | 111        | 85          | 35               | 18  | 114                                   |   |
| 8                              | 18    | 93                                       | 109         | 133                    | 85       | 127        | 165                        | 151                              | 155      | 122        | 168         | 64               | 62  | 138                                   |   |
| 8                              | 23    | 58                                       | 57          | 64                     | 75       | 22         | 36                         | 50                               | 49       | 51         | 155         | 134              | 29  | 42                                    |   |

*Midshipmen of the first class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                             | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>ad-<br>mission. |         |
|--|------------------------------------|--------------------------------|-----------------------|--------------------------------------|---------|
|  |                                    |                                |                       | Years.                               | Months. |
| 37   | Klein, Grover Cleveland.....       | Ohio.....                      | July 12, 1912         | 20                                   | 0       |
| 24   | Krez, Conrad Adolph.....           | Wisconsin.....                 | July 25, 1912         | 17                                   | 10      |
| f 154  | La Motte, Robert Smith.....        | Washington....                 | June 14, 1912         | 17                                   | 2       |
| 185  | Lawrence, Newbold Trotter, jr..    | Michigan.....                  | July 23, 1912         | 19                                   | 6       |
| 135  | Lawson, Joseph Hardin.....         | Missouri.....                  | July 8, 1912          | 19                                   | 6       |
| 23   | Loventhal, William Fishback....    | Texas.....                     | Aug. 3, 1912          | 17                                   | 8       |
| 44   | Lyle, Cyrus Howard.....            | Tennessee.....                 | July 16, 1912         | 18                                   | 3       |
| 29   | Lyle, Harris Knowles.....          | Massachusetts..                | June 11, 1912         | 17                                   | 0       |
| il 147                                       | McFall, Andrew Calhoun.....        | South Carolina .               | July 30, 1912         | 19                                   | 6       |
| 171  | McGinnis, Knefler.....             | Illinois.....                  | July 22, 1912         | 20                                   | 0       |
| ik 79  | MacKay, Woodbury Eshorne....       | Massachusetts..                | July 10, 1912         | 17                                   | 5       |
| 39   | Major, Earl Melvin.....            | New York.....                  | June 18, 1912         | 19                                   | 3       |
| b f r 192                                    | Marston, Frank Dutherford.....     | Florida.....                   | Aug. 24, 1912         | 19                                   | 8       |
| 60   | Martin, George Frederick.....      | California.....                | Sept. 19, 1912        | 18                                   | 8       |
| 75   | Mayer, Andrew De Graff.....        | Minnesota.....                 | June 11, 1912         | 17                                   | 3       |
| 142  | Mayfield, Stanwix Greenville, jr . | South Carolina .               | July 18, 1912         | 16                                   | 4       |
| a j k H                                      | Meadows, Pal Lamar.....            | Louisiana.....                 | July 12, 1912         | 17                                   | 5       |
| 122  | Merwin, Henry Chester.....         | Nebraska.....                  | June 24, 1912         | 18                                   | 10      |
| 18   | Miles, Arthur Clark.....           | Colorado.....                  | June 12, 1912         | 19                                   | 3       |
| 141  | Miller, William Earl.....          | New York.....                  | July 19, 1912         | 17                                   | 10      |
| * 7  | Moon, Don Pardee.....              | Indiana.....                   | Aug. 3, 1912          | 18                                   | 4       |
| 72   | Moore, Alva Jacob.....             | Kansas.....                    | June 11, 1912         | 19                                   | 3       |
| 45   | Morgan, Gail.....                  | West Virginia..                | July 6, 1912          | 19                                   | 3       |
| * 1  | Mullinnix, Henry Maston.....       | Indiana.....                   | July 3, 1912          | 20                                   | 0       |
| 43   | Northern, Philip Lumsden.....      | North Carolina .               | July 9, 1912          | 20                                   | 0       |
| 172  | Parker, Isaiah.....                | Tennessee.....                 | July 8, 1912          | 17                                   | 3       |
| 82   | Patterson, Theodore Thomas....     | New Jersey.....                | July 6, 1912          | 19                                   | 10      |
| 88   | Phelps, Henry Levings.....         | New York.....                  | July 22, 1912         | 19                                   | 11      |
| 190  | Price, George Dorsey.....          | West Virginia..                | July 8, 1912          | 19                                   | 10      |
| † 167  | Price, John Dale.....              | Arkansas.....                  | June 11, 1912         | 20                                   | 1       |
| 170  | Price, William Rodney.....         | Maryland.....                  | June 11, 1912         | 18                                   | 7       |
| 49   | Radford, Arthur William.....       | Iowa.....                      | July 5, 1912          | 16                                   | 4       |
| 90   | Ragsdale, Van Hubert.....          | Georgia.....                   | July 5, 1912          | 19                                   | 11      |
| 178  | Redfield, Heman Judd.....          | New Jersey.....                | July 6, 1912          | 19                                   | 6       |
| 16   | Reed, Malcolm Willard.....         | Massachusetts..                | Sept. 25, 1912        | 16                                   | 9       |
| 113  | Reinburg, John Ernest.....         | New Mexico....                 | July 8, 1912          | 18                                   | 10      |
| 128  | Rhudy, Albert Manes.....           | Georgia.....                   | July 10, 1912         | 16                                   | 9       |

annual examination, June, 1915—199 members—Continued.

| Sea service in practice ships. |       | Order of merit for the academic year in— |             |                        |          |            |                            |                                  |          |            |             |                  | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------|-------|--|-------------|------------------------|----------|------------|----------------------------|----------------------------------|----------|------------|-------------|------------------|---------------------------------------|---|
| Months.                        | Days. | Ordnance.                                | Navigation. | Boilers and mechanism. | Engines. | Mechanics. | Electricity and magnetism. | Direct and alternating currents. | English. | Languages. | Efficiency. | Practice cruise. |                                       |   |
| 8                              | 23    | 17                                       | 69          | 98                     | 66       | 47         | 13                         | 33                               | 84       | 79         | 56          | 61               | 3                                     | 37  |
| 6                              | 17    | 6  | 24          | 9                      | 7        | 49         | 20                         | 32                               | 6        | 30         | 179         | 14               | 124                                   | 24  |
| 5                              | 20    | 108                                      | 131         | 110                    | 108      | 174        | 165                        | 154                              | 189      | 38         | 168         | 199              | 76                                    | <i>f</i> 154                              |
| 8                              | 18    | 158                                      | 160         | 165                    | 168      | 191        | 190                        | 171                              | 179      | 183        | 45          | 93               | 58                                    | 185                                       |
| 8                              | 23    | 81                                       | 158         | 144                    | 133      | 176        | 150                        | 116                              | 26       | 83         | 85          | 116              | 25                                    | 135                                       |
| 6                              | 16    | 81                                       | 13          | 54                     | 20       | 11         | 36                         | 20                               | 169      | 28         | 151         | 64               | 50                                    | 23  |
| 8                              | 23    | 113                                      | 62          | 51                     | 68       | 29         | 41                         | 45                               | 56       | 45         | 120         | 18               | 34                                    | 44  |
| 6                              | 17    | 50                                       | 40          | 20                     | 27       | 37         | 38                         | 47                               | 56       | 50         | 185         | 162              | 14                                    | 29  |
| 8                              | 18    | 149                                      | 125         | 165                    | 161      | 165        | 157                        | 144                              | 84       | 168        | 85          | 44               | 19                                    | <i>d</i> 147                              |
| 8                              | 18    | 158                                      | 166         | 181                    | 82       | 165        | 193                        | 148                              | 151      | 195        | 144         | 141              | 44                                    | 171                                       |
| 8                              | 18    | 90                                       | 91          | 115                    | 114      | 149        | 72                         | 79                               | 73       | 52         | 27          | 61               | 10                                    | <i>ik</i> 79                              |
| 8                              | 23    | 58                                       | 45          | 42                     | 47       | 52         | 92                         | 42                               | 22       | 62         | 56          | 55               | 18                                    | 39  |
| 5                              | 20    | 124                                      | 190         | 160                    | 133      | 198        | 193                        | 197                              | 195      | 156        | 163         | 120              | 50                                    | <i>br</i> 192                             |
| 8                              | 18    | 64                                       | 125         | 87                     | 34       | 75         | 38                         | 28                               | 113      | 71         | 168         | 150              | 22                                    | 60  |
| 8                              | 23    | 47                                       | 131         | 101                    | 45       | 81         | 70                         | 47                               | 109      | 63         | 35          | 91               | 71                                    | 75  |
| 8                              | 18    | 149                                      | 153         | 147                    | 168      | 105        | 98                         | 161                              | 155      | 86         | 179         | 172              | 3                                     | 142                                       |
| 6                              | 16    | .....                                    | .....       | .....                  | .....    | .....      | .....                      | .....                            | .....    | .....      | 139         | 150              | 14                                    | <i>a</i> 11 <i>ikH</i>                    |
| 8                              | 5     | 97                                       | 137         | 98                     | 93       | 151        | 104                        | 171                              | 144      | 106        | 107         | 93               | 5                                     | 122                                       |
| 8                              | 17    | 47                                       | 11          | 23                     | 20       | 41         | 30                         | 19                               | 11       | 24         | 62          | 23               | 48                                    | 18  |
| 6                              | 16    | 64                                       | 158         | 120                    | 96       | 105        | 163                        | 154                              | 137      | 108        | 79          | 177              | 54                                    | 141                                       |
| 8                              | 23    | 15                                       | 16          | 12                     | 4        | 7          | 6                          | 3                                | 21       | 16         | 42          | 31               | 14                                    | *7  |
| 8                              | 23    | 33                                       | 40          | 110                    | 114      | 89         | 87                         | 96                               | 119      | 65         | 56          | 172              | 24                                    | 72  |
| 8                              | 18    | 58                                       | 73          | 64                     | 19       | 31         | 45                         | 37                               | 113      | 147        | 127         | 197              | 16                                    | 45  |
| 8                              | 18    | 2  | 4           | 5                      | 13       | 1          | 1                          | 4                                | 1        | 1          | 3           | 4                | 25                                    | *1  |
| 8                              | 23    | 19                                       | 50          | 69                     | 30       | 94         | 50                         | 52                               | 73       | 65         | 8           | 100              | 9                                     | 43  |
| 6                              | 10    | 152                                      | 168         | 140                    | 135      | 77         | 145                        | 137                              | 192      | 168        | 163         | 199              | 88                                    | 172                                       |
| 8                              | 18    | 39                                       | 113         | 77                     | 17       | 165        | 112                        | 88                               | 23       | 117        | 139         | 7                | 52                                    | 82  |
| 8                              | 18    | 31                                       | 107         | 91                     | 61       | 144        | 150                        | 130                              | 84       | 31         | 185         | 116              | 5                                     | 88  |
| 6                              | 17    | 190                                      | 162         | 147                    | 135      | 172        | 157                        | 183                              | 151      | 173        | 49          | 106              | 172                                   | 190                                       |
| 8                              | 23    | 133                                      | 131         | 165                    | 175      | 174        | 150                        | 186                              | 172      | 71         | 144         | 40               | 52                                    | †167                                      |
| 6                              | 16    | 175                                      | 193         | 186                    | 194      | 156        | 104                        | 180                              | 163      | 91         | 79          | 177              | 0                                     | 170                                       |
| 8                              | 18    | 16                                       | 36          | 16                     | 10       | 102        | 85                         | 59                               | 51       | 122        | 120         | 57               | 57                                    | 49  |
| 8                              | 18    | 54                                       | 91          | 101                    | 75       | 70         | 87                         | 75                               | 129      | 75         | 168         | 156              | 62                                    | 90  |
| 8                              | 18    | 196                                      | 166         | 181                    | 175      | 118        | 169                        | 123                              | 142      | 185        | 73          | 185              | 53                                    | 178                                       |
| 8                              | 18    | 12                                       | 36          | 39                     | 7        | 29         | 34                         | 21                               | 56       | 20         | 45          | 11               | 16                                    | 16  |
| 8                              | 18    | 137                                      | 103         | 88                     | 51       | 97         | 117                        | 137                              | 129      | 128        | 69          | 144              | 65                                    | 113                                       |
| 8                              | 18    | 81                                       | 149         | 101                    | 108      | 67         | 109                        | 137                              | 124      | 184        | 155         | 137              | 79                                    | 128                                       |

*Midshipmen of the first class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                               | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>ad-<br>mission. |         |
|--|--------------------------------------|--------------------------------|-----------------------|--------------------------------------|---------|
|  |                                      |                                |                       | Years.                               | Months. |
| 116  | Roberts, John Summerfield, jr. . .   | Kentucky . . . . .             | July 10, 1912         | 19                                   | 8       |
| 34   | Rodgers, Bertram Joseph . . . . .    | Pennsylvania . . .             | June 18, 1912         | 18                                   | 3       |
| 152  | Rogers, Armistead Calhoun . . . . .  | Tennessee . . . . .            | June 11, 1912         | 19                                   | 0       |
| 124  | Root, Amos Barstow . . . . .         | Rhode Island . .               | June 11, 1912         | 18                                   | 8       |
| 64   | Roper, Clifford Harris . . . . .     | California . . . . .           | July 19, 1912         | 17                                   | 9       |
| 101  | Rutledge, Paul White . . . . .       | Illinois . . . . .             | June 12, 1912         | 20                                   | 1       |
| 87   | Ryan, Dennis Leo . . . . .           | Arizona . . . . .              | June 24, 1912         | 18                                   | 2       |
| 123  | Ryan, James Blackburn . . . . .      | Ohio . . . . .                 | June 17, 1912         | 18                                   | 11      |
| *9   | Safford, Laurence Frye . . . . .     | Massachusetts . .              | July 9, 1912          | 18                                   | 9       |
| 61   | Sauer, Edward Paul . . . . .         | Iowa . . . . .                 | July 6, 1912          | 19                                   | 4       |
| 194  | Sawyer, Alfred Le Roy . . . . .      | Illinois . . . . .             | June 18, 1912         | 19                                   | 5       |
| 14   | Schmidt, Hugo . . . . .              | Pennsylvania . .               | July 24, 1912         | 17                                   | 6       |
| 168  | Schott, William Walter . . . . .     | Kansas . . . . .               | June 22, 1912         | 17                                   | 9       |
| 85   | Schrader, Albert Ernest . . . . .    | Indiana . . . . .              | Aug. 6, 1912          | 17                                   | 5       |
| 153  | Scott, James Alfred . . . . .        | Alabama . . . . .              | July 11, 1912         | 19                                   | 6       |
| 86   | Selman, Augustus James . . . . .     | Louisiana . . . . .            | July 15, 1912         | 18                                   | 9       |
| 100  | Simms, Julius Ward . . . . .         | Mississippi . . . .            | July 30, 1912         | 17                                   | 10      |
| 15   | Sitz, Walter Hoersch . . . . .       | Iowa . . . . .                 | July 2, 1912          | 19                                   | 6       |
| 169  | Smith, Edward Martin . . . . .       | Oregon . . . . .               | June 11, 1912         | 18                                   | 4       |
| 50   | Solberg, Thorwald Arthur . . . . .   | Idaho . . . . .                | June 12, 1912         | 18                                   | 4       |
| 89   | Steele, James Mortimer . . . . .     | Colorado . . . . .             | June 11, 1912         | 17                                   | 10      |
| 131  | Sternberg, John Alexander . . . . .  | Maryland . . . . .             | July 6, 1912          | 19                                   | 7       |
| br196  | Stoffel, Elmer Jacob . . . . .       | Wisconsin . . . . .            | Aug. 7, 1912          | 18                                   | 5       |
| 166  | Stonestreet, Martin Blackman . . .   | Tennessee . . . . .            | Aug. 21, 1912         | 17                                   | 9       |
| 78   | Sumners, Gilbert Wilson . . . . .    | Indiana . . . . .              | July 5, 1912          | 18                                   | 3       |
| 11   | Sutherland, Willis Chester . . . . . | Wisconsin . . . . .            | July 8, 1912          | 17                                   | 1       |
| 48   | Swenson, Lyman Knute . . . . .       | Utah . . . . .                 | July 11, 1912         | 19                                   | 9       |
| il145  | Swink, Roy Cleveland . . . . .       | Pennsylvania . .               | June 12, 1912         | 19                                   | 3       |
| 41   | Terhune, John Alexander . . . . .    | At Large . . . . .             | July 6, 1912          | 16                                   | 10      |
| 91   | Thompson, Webster Maddux . . .       | Virginia . . . . .             | June 11, 1912         | 19                                   | 5       |
| br186  | Tildsley, John Marron . . . . .      | Mississippi . . . .            | June 11, 1912         | 19                                   | 6       |
| 129  | Twining, Robert Barber . . . . .     | Wisconsin . . . . .            | July 10, 1912         | 17                                   | 4       |
| 76   | Vail, Louis Richardson . . . . .     | Pennsylvania . .               | June 11, 1912         | 18                                   | 8       |
| il188  | Van Buskirk, Robert Justin . . . . . | Florida . . . . .              | July 10, 1912         | 17                                   | 10      |
| 53   | Vincent, John Alexander . . . . .    | Illinois . . . . .             | July 19, 1912         | 16                                   | 8       |
| 97   | Walker, Robert John . . . . .        | Pennsylvania . .               | July 8, 1912          | 18                                   | 9       |

annual examination, June, 1915—199 members—Continued.

| Sea service in practice ships. |    | Order of merit for the academic year in— |             |                        |          |            |                            |                                  |          |            |             |                  | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------|----|--|-------------|------------------------|----------|------------|----------------------------|----------------------------------|----------|------------|-------------|------------------|---------------------------------------|---|
|                                |    | Ordnance.                                | Navigation. | Boilers and mechanism. | Engines. | Mechanics. | Electricity and magnetism. | Direct and alternating currents. | English. | Languages. | Efficiency. | Practice cruise. |                                       |   |
| 8                              | 18 | 97                                       | 115         | 133                    | 37       | 115        | 132                        | 84                               | 129      | 100        | 179         | 69               | 65                                    | 116                                       |
| 8                              | 23 | 33                                       | 33          | 57                     | 39       | 22         | 30                         | 53                               | 84       | 68         | 27          | 64               | 45                                    | 34  |
| 6                              | 17 | 137                                      | 155         | 144                    | 175      | 188        | 129                        | 121                              | 163      | 2          | 93          | 189              | 90                                    | 152                                       |
| 8                              | 18 | 113                                      | 91          | 149                    | 114      | 137        | 94                         | 128                              | 163      | 145        | 85          | 16               | 44                                    | 124                                       |
| 8                              | 18 | 64                                       | 80          | 49                     | 101      | 87         | 42                         | 83                               | 56       | 53         | 159         | 124              | 6                                     | 64  |
| 8                              | 18 | 78                                       | 76          | 64                     | 88       | 115        | 72                         | 123                              | 37       | 56         | 185         | 111              | 80                                    | 101                                       |
| 8                              | 23 | 33                                       | 66          | 30                     | 34       | 57         | 117                        | 103                              | 151      | 118        | 139         | 144              | 119                                   | 87  |
| 8                              | 18 | 118                                      | 131         | 160                    | 158      | 84         | 132                        | 116                              | 185      | 130        | 62          | 40               | 12                                    | 123                                       |
| 8                              | 18 | 8  | 8           | 11                     | 7        | 4          | 8                          | 1                                | 33       | 86         | 100         | 162              | 27                                    | *9  |
| 8                              | 18 | 38                                       | 57          | 35                     | 34       | 56         | 129                        | 108                              | 169      | 143        | 155         | 37               | 14                                    | 61  |
| 8                              | 23 | 175                                      | 187         | 198                    | 161      | 188        | 173                        | 159                              | 137      | 192        | 144         | 174              | 125                                   | 194                                       |
| 8                              | 23 | 21                                       | 6           | 57                     | 39       | 19         | 21                         | 12                               | 34       | 3          | 35          | 47               | 26                                    | 14  |
| 8                              | 18 | 95                                       | 183         | 127                    | 141      | 183        | 98                         | 166                              | 73       | 73         | 45          | 124              | 102                                   | 168                                       |
| 5                              | 24 | 165                                      | 54          | 153                    | 149      | 89         | 81                         | 71                               | 176      | 33         | 27          | 164              | 52                                    | 85  |
| 5                              | 24 | 64                                       | 194         | 110                    | 147      | 144        | 145                        | 177                              | 68       | 163        | 117         | 198              | 4                                     | 153                                       |
| 8                              | 23 | 21                                       | 60          | 36                     | 58       | 97         | 59                         | 81                               | 98       | 82         | 132         | 37               | 140                                   | 86  |
| 6                              | 16 | 39                                       | 137         | 136                    | 52       | 165        | 141                        | 86                               | 25       | 114        | 93          | 93               | 9                                     | 100                                       |
| 8                              | 18 | 13                                       | 22          | 14                     | 18       | 19         | 27                         | 34                               | 13       | 34         | 132         | 10               | 16                                    | 15  |
| 8                              | 23 | 108                                      | 178         | 175                    | 114      | 141        | 157                        | 171                              | 172      | 147        | 196         | 150              | 42                                    | 169                                       |
| 8                              | 23 | 71                                       | 78          | 85                     | 52       | 45         | 34                         | 54                               | 90       | 60         | 11          | 31               | 34                                    | 50  |
| 8                              | 1  | 124                                      | 118         | 96                     | 85       | 86         | 94                         | 64                               | 147      | 108        | 100         | 100              | 26                                    | 89  |
| 8                              | 12 | 97                                       | 178         | 101                    | 85       | 47         | 122                        | 151                              | 129      | 187        | 120         | 17               | 71                                    | 131                                       |
| 5                              | 15 | 193                                      | 197         | 197                    | 192      | 179        | 197                        | 197                              | 160      | 188        | 144         | 40               | 33                                    | br196                                     |
| 8                              | 13 | 128                                      | 141         | 194                    | 158      | 193        | 138                        | 136                              | 129      | 143        | 195         | 106              | 22                                    | 166                                       |
| 8                              | 23 | 86                                       | 57          | 115                    | 82       | 70         | 112                        | 46                               | 163      | 122        | 179         | 91               | 47                                    | 78  |
| 8                              | 18 | 8  | 50          | 18                     | 4        | 17         | 14                         | 9                                | 16       | 68         | 22          | 69               | 21                                    | 11  |
| 8                              | 23 | 78                                       | 31          | 47                     | 75       | 26         | 17                         | 39                               | 18       | 190        | 139         | 192              | 59                                    | 48  |
| 5                              | 24 | 111                                      | 118         | 115                    | 88       | 105        | 168                        | 154                              | 197      | 139        | 132         | 195½             | 55                                    | il145                                     |
| 8                              | 18 | 39                                       | 36          | 18                     | 32       | 35         | 50                         | 24                               | 73       | 88         | 35          | 137              | 106                                   | 41  |
| 6                              | 16 | 33                                       | 83          | 83                     | 43       | 84         | 50                         | 54                               | 73       | 96         | 113         | 100              | 150                                   | 91  |
| 5                              | 15 | 147                                      | 191         | 165                    | 175      | 197        | 184                        | 196                              | 119      | 197        | 56          | 150              | 4                                     | br186                                     |
| 8                              | 18 | 97                                       | 82          | 177                    | 186      | 134        | 188                        | 130                              | 61       | 103        | 15          | 155              | 22                                    | 129                                       |
| 8                              | 4  | 39                                       | 98          | 140                    | 47       | 89         | 54                         | 65                               | 119      | 153        | 49          | 141              | 28                                    | 76  |
| 5                              | 15 | 170                                      | 168         | 184                    | 167      | 193        | 195                        | 180                              | 196      | 180        | 73          | 189              | 37                                    | il188                                     |
| 8                              | 18 | 11                                       | 83          | 47                     | 39       | 37         | 40                         | 34                               | 94       | 135        | 127         | 168              | 54                                    | 53  |
| 6                              | 15 | 97                                       | 90          | 85                     | 68       | 49         | 101                        | 71                               | 187      | 186        | 168         | 69               | 57                                    | 97  |

*Midshipmen of the first class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                          | State from which<br>appointed. | Date of<br>admission. | Age at<br>date of<br>ad-<br>mission. |         |
|--|---------------------------------|--------------------------------|-----------------------|--------------------------------------|---------|
|  |                                 |                                |                       | Years.                               | Months. |
| 148  | Warner, Thomas Dickens.....     | Wisconsin.....                 | July 15, 1912         | 18                                   | 8       |
| 125  | Watters, John Sproston, jr..... | Louisiana.....                 | June 14, 1912         | 18                                   | 7       |
| 17   | Wead, Frank Wilbur.....         | Illinois.....                  | July 16, 1912         | 16                                   | 9       |
| 109  | Webb, Archer Williams.....      | Illinois.....                  | July 9, 1912          | 17                                   | 5       |
| 139  | Webb, Richard Ellsworth.....    | Louisiana.....                 | June 11, 1912         | 20                                   | 0       |
| 104  | Webb, Walter Whitfield.....     | Wisconsin.....                 | July 9, 1912          | 17                                   | 2       |
| ijG150                                       | Wessell, Leonard Paul.....      | North Carolina.                | July 9, 1912          | 18                                   | 8       |
| 95   | Wheeler, Charles Julian.....    | Alabama.....                   | July 5, 1912          | 16                                   | 11      |
| 93   | White, Henry James.....         | Maryland.....                  | July 6, 1912          | 19                                   | 9       |
| 107  | Wilkes, John.....               | North Carolina.                | June 17, 1912         | 17                                   | 1       |
| 71   | Williams, John Emerson.....     | Massachusetts..                | June 11, 1912         | 19                                   | 4       |
| 130  | Woodward, Douglas Castleberry.. | Georgia.....                   | June 15, 1912         | 17                                   | 8       |
| 126  | Wynkoop, Norman Osborn.....     | Pennsylvania..                 | June 10, 1912         | 18                                   | 7       |
| 193  | Young, Cassin.....              | Wisconsin.....                 | July 10, 1912         | 18                                   | 3       |
| 160  | Zioli, Humbert William.....     | Massachusetts..                | July 9, 1912          | 18                                   | 10      |

annual examination, June, 1915—199 members—Continued.

| Sea service in practice ships. |       | Order of merit for the academic year in— |             |                        |          |            |                            |                                  |          |            |             |                  | Number of demerits for academic year. | Order of general merit for academic year. |
|--------------------------------|-------|--|-------------|------------------------|----------|------------|----------------------------|----------------------------------|----------|------------|-------------|------------------|---------------------------------------|---|
|                                |       | Ordnance.                                | Navigation. | Boilers and mechanism. | Engines. | Mechanics. | Electricity and magnetism. | Direct and alternating currents. | English. | Languages. | Efficiency. | Practice cruise. |                                       |   |
| Months.                        | Days. |  |             |                        |          |            |                            |                                  |          |            |             |                  |                                       |   |
| 8                              | 23    | 163                                      | 168         | 136                    | 104      | 125        | 87                         | 112                              | 183      | 129        | 100         | 185              | 55                                    | 148                                       |
| 8                              | 18    | 97                                       | 131         | 165                    | 161      | 137        | 145                        | 144                              | 45       | 26         | 159         | 111              | 31                                    | 125                                       |
| 8                              | 18    | 1  | 24          | 7                      | 12       | 11         | 7                          | 12                               | 101      | 26         | 132         | 47               | 122                                   | 17  |
| 8                              | 10    | 187                                      | 151         | 80                     | 114      | 89         | 70                         | 119                              | 155      | 78         | 69          | 106              | 19                                    | 109                                       |
| 8                              | 18    | 185                                      | 168         | 64                     | 122      | 102        | 169                        | 130                              | 179      | 177        | 33          | 165              | 19                                    | 139                                       |
| 8                              | 17    | 158                                      | 118         | 101                    | 93       | 77         | 59                         | 92                               | 101      | 74         | 120         | 37               | 61                                    | 104                                       |
| 5                              | 1     | 133                                      | 162         | 27                     | 90       | 160        | 117                        | 163                              | 119      | 181        | 11          | 194              | 91                                    | <i>ijG</i> 150                            |
| 8                              | 18    | 90                                       | 107         | 96                     | 141      | 112        | 72                         | 96                               | 45       | 43         | 62          | 69               | 52                                    | 95  |
| 7                              | 16    | 97                                       | 146         | 153                    | 68       | 172        | 126                        | 88                               | 13       | 6          | 69          | 198              | 40                                    | 93  |
| 8                              | 18    | 137                                      | 125         | 51                     | 130      | 125        | 132                        | 92                               | 101      | 159        | 40          | 130              | 13                                    | 107                                       |
| 8                              | 18    | 47                                       | 131         | 23                     | 99       | 87         | 16                         | 69                               | 49       | 134        | 69          | 31               | 62                                    | 71  |
| 8                              | 10    | 64                                       | 112         | 110                    | 80       | 157        | 117                        | 137                              | 94       | 137        | 155         | 64               | 61                                    | 130                                       |
| 8                              | 23    | 137                                      | 103         | 120                    | 99       | 100        | 174                        | 103                              | 184      | 196        | 62          | 111              | 22                                    | 126                                       |
| 8                              | 18    | 71                                       | 189         | 149                    | 123      | 184        | 174                        | 157                              | 160      | 151        | 168         | 174              | 167                                   | 193                                       |
| 8                              | 18    | 133                                      | 176         | 136                    | 130      | 134        | 165                        | 163                              | 176      | 14         | 151         | 130              | 108                                   | 160                                       |

*Midshipmen of the second class and relative standing at*

| Order of general merit for academic year. | Names                              | State from which appointed. | Date of admission. | Age at date of admission. |         |
|---|------------------------------------|-----------------------------|--------------------|---------------------------|---------|
|   |                                    |                             |                    | Years.                    | Months. |
| 58  | Allen, Jay K.....                  | New Mexico...               | May 3, 1913        | 19                        | 11      |
| 121                                       | Anderson, Herbert William.....     | Montana.....                | May 24, 1913       | 18                        | 11      |
| 106                                       | Appleton, Daniel Sidney.....       | Georgia.....                | May 2, 1913        | 19                        | 10      |
| 156                                       | Austin, Leonard Bynner.....        | Pennsylvania..              | Apr. 25, 1913      | 20                        | 1       |
| 97  | Avery, Harrison.....               | Pennsylvania..              | June 28, 1913      | 19                        | 9       |
| 212                                       | Baker, Horatio Orville.....        | Vermont.....                | May 2, 1913        | 19                        | 10      |
| 163                                       | Ball, William Hereford.....        | Missouri.....               | Apr. 29, 1913      | 19                        | 10      |
| 219                                       | Bartholdi, John Joseph.....        | Arizona.....                | June 30, 1913      | 17                        | 6       |
| 208                                       | Bartlett, Samuel Johnson.....      | Alabama.....                | May 20, 1913       | 17                        | 8       |
| <i>iq</i> 151                             | Beall, Robert Lamar.....           | North Carolina.             | Apr. 30, 1913      | 20                        | 2       |
| 53  | Bigelow, Anson Alexander.....      | Illinois.....               | May 6, 1913        | 16                        | 4       |
| 98  | Blodgett, Harry Collins.....       | New York.....               | May 9, 1913        | 18                        | 5       |
| <i>il</i> 182                             | Boehme, Paul Louis.....            | Illinois.....               | Apr. 21, 1913      | 18                        | 6       |
| 213                                       | Bowman, Charles Harkness....       | Pennsylvania..              | Apr. 25, 1913      | 20                        | 1       |
| *6  | <b>Brady, Edmund Edward, jr...</b> | Maine.....                  | May 8, 1913        | 16                        | 9       |
| 79  | Brewer, Samuel Bragg.....          | Alabama.....                | June 27, 1913      | 16                        | 3       |
| 160                                       | Brewington, Carl Wright.....       | Texas.....                  | June 14, 1913      | 19                        | 1       |
| <i>ij</i> 86                              | Browne, Davenport.....             | Pennsylvania..              | June 14, 1913      | 18                        | 3       |
| 188                                       | Browne, William Taylor.....        | Ohio.....                   | May 5, 1913        | 19                        | 10      |
| 51  | Buchalter, Benjamin.....           | Indiana.....                | May 6, 1913        | 17                        | 10      |
| <i>f</i> 218                              | Byers, Ralph Rollin.....           | Indiana.....                | June 25, 1913      | 17                        | 5       |
| 33  | Caldwell, Edmund Bell.....         | Washington....              | July 3, 1913       | 16                        | 3       |
| 45  | Calhoun, Walter Carson.....        | Pennsylvania..              | May 9, 1913        | 19                        | 0       |
| *4  | <b>Campbell, Colin.....</b>        | Kansas.....                 | Apr. 21, 1913      | 17                        | 5       |
| 202                                       | Clark, Guy Wheeler.....            | Minnesota.....              | May 7, 1913        | 18                        | 4       |
| 148                                       | Clark, Homer Webb.....             | New York.....               | Apr. 24, 1913      | 17                        | 3       |
| <i>H</i> 50                               | Clark, Joseph James.....           | Oklahoma.....               | May 22, 1913       | 19                        | 6       |
| 144                                       | Clark, Volney Oral.....            | Wyoming.....                | May 13, 1913       | 17                        | 2       |
| 28  | Clarke, William Price Oliver....   | California.....             | May 20, 1913       | 19                        | 11      |
| <i>†</i> 220                              | Claude, William Shepard Bryan.     | Oklahoma.....               | June 30, 1913      | 17                        | 5       |
| 9   | Coe, Douglas Witmer.....           | Minnesota.....              | June 27, 1913      | 18                        | 4       |
| 59  | Collins, Ross Forrester.....       | Missouri.....               | May 6, 1913        | 16                        | 6       |
| 107                                       | Comstock, Merrill.....             | North Dakota..              | June 9, 1913       | 18                        | 1       |
| <i>H</i> 72                               | Connolly, Martin James.....        | Massachusetts..             | May 7, 1913        | 18                        | 8       |
| 108                                       | Conover, James Potter, jr.....     | New York.....               | May 23, 1913       | 19                        | 6       |

the annual examination, June, 1915—233 members.

| Sea service<br>in practice<br>ships. |       | Order of merit for the academic year in— |                              |           |  |                |                     |                   |             |                  | Number<br>of demerits<br>for<br>academic year. | Order<br>of general merit<br>for<br>academic year. |
|--------------------------------------|-------|--|------------------------------|-----------|--|----------------|---------------------|-------------------|-------------|------------------|--|--|
| Months.                              | Days. | Mechanical processes<br>and drawing.     | Elementary engi-<br>neering. | Calculus. | Electrical engineer-<br>ing and physics. | Naval history. | Constitutional law. | Modern languages. | Efficiency. | Practice cruise. |  |  |
| 5                                    | 27    | 11                                       | 21                           | 74        | 55                                       | 98             | 149                 | 121               | 17          | 18               | 49   | 58   |
| 5                                    | 27    | 4  | 83                           | 163       | 139                                      | 87             | 149                 | 75                | 53          | 26               | 97   | 121  |
| 5                                    | 27    | 112                                      | 195                          | 102       | 133                                      | 36             | 55                  | 79                | 151         | 106              | 32   | 106  |
| 5                                    | 19    | 58                                       | 83                           | 174       | 186                                      | 104            | 201                 | 115               | 168         | 66               | 40   | 156  |
| 6                                    | 2     | 89                                       | 147                          | 167       | 90                                       | 80             | 78                  | 36                | 168         | 47               | 56   | 97   |
| 6                                    | 2     | 175                                      | 194                          | 221       | 192                                      | 203            | 113                 | 189               | 221         | 239              | 55   | 212  |
| 5                                    | 27    | 189                                      | 129                          | 173       | 194                                      | 166            | 130                 | 85                | 201         | 127              | 47   | 163  |
| 6                                    | 2     | 219                                      | 197                          | 185       | 214                                      | 239            | 172                 | 201               | 205         | 94               | 80   | 219  |
| 5                                    | 27    | 215                                      | 223                          | 172       | 183                                      | 155            | 172                 | 199               | 168         | 180              | 77   | 208  |
| 2                                    | 24    | 207                                      | 163                          | 204       | 156                                      | 80             | 27                  | 41                | 194         | 180              | 57   | <i>ig</i> 151                                      |
| 5                                    | 27    | 117                                      | 129                          | 34        | 119                                      | 39             | 40                  | 43                | 14          | 177              | 59   | 53   |
| 6                                    | 2     | 99                                       | 98                           | 141       | 58                                       | 66             | 183                 | 65                | 26          | 216              | 84   | 98   |
| 3                                    | 25    | 227                                      | 217                          | 184       | 175                                      | 39             | 113                 | 119               | 213         | 115              | 51   | <i>il</i> 182                                      |
| 6                                    | 2     | 222                                      | 217                          | 202       | 215                                      | 216            | 209                 | 152               | 34          | 201              | 39   | 213  |
| 5                                    | 27    | 21                                       | 41                           | 12        | 8  | 22             | 6                   | 6                 | 62          | 109              | 46   | *6   |
| 5                                    | 27    | 124                                      | 129                          | 55        | 74                                       | 161            | 108                 | 82                | 108         | 201              | 29   | 79   |
| 5                                    | 27    | 50                                       | 7                            | 217       | 157                                      | 218            | 155                 | 197               | 82          | 47½              | 51   | 160  |
| 5                                    | 27    | 124                                      | 147                          | 99        | 85                                       | 229            | 75                  | 47                | 122         | 192              | 34   | <i>vj</i> 86                                       |
| 6                                    | 2     | 163                                      | 173                          | 201       | 161                                      | 157            | 209                 | 89                | 193         | 216              | 83   | 188  |
| 5                                    | 27    | 50                                       | 60                           | 65        | 20                                       | 95             | 75                  | 94                | 151         | 90               | 72   | 51   |
| 2                                    | 24    | 227                                      | 147                          | 196       | 188                                      | 204            | 155                 | 174               | 151         | 166              | 177  | <i>f</i> 218                                       |
| 6                                    | 2     | 26                                       | 60                           | 58        | 67                                       | 151            | 49                  | 20                | 46          | 38               | 32   | 33   |
| 5                                    | 27    | 8  | 87                           | 28        | 41                                       | 123            | 195                 | 213               | 1           | 18               | 16   | 45   |
| 5                                    | 27    | 12                                       | 27                           | 16        | 11                                       | 2              | 3                   | 5                 | 62          | 101              | 9  | *4   |
| 5                                    | 19    | 140                                      | 143                          | 132       | 178                                      | 184            | 223                 | 219               | 62          | 49               | 184  | 202  |
| 5                                    | 27    | 168                                      | 180                          | 84        | 145                                      | 202            | 135                 | 136               | 62          | 82               | 85   | 148  |
| 3                                    | 26    | 103                                      | 98                           | 41        | 66                                       | 181            | 143                 | 32                | 32          | 177              | 45   | <i>H</i> 50  |
| 6                                    | 2     | 189                                      | 98                           | 121       | 96                                       | 155            | 201                 | 183               | 215         | 180              | 43   | 144  |
| 5                                    | 27    | 5  | 13                           | 22        | 15                                       | 166            | 106                 | 187               | 122         | 26               | 27   | 28   |
| 6                                    | 2     | 207                                      | 212                          | 216       | 229                                      | 137            | 206                 | 124               | 221         | 136              | 61   | †220   |
| 5                                    | 27    | 47                                       | 51                           | 2         | 4  | 59             | 20                  | 44                | 99          | 70               | 62   | 9  |
| 5                                    | 27    | 70                                       | 157                          | 78        | 70                                       | 42             | 10                  | 76                | 82          | 8                | 9  | 59   |
| 5                                    | 27    | 65                                       | 120                          | 119       | 118                                      | 51             | 113                 | 102               | 168         | 192              | 23   | 107  |
| 5                                    | 27    | 103                                      | 74                           | 66        | 46                                       | 95             | 113                 | 120               | 34          | 75               | 65   | <i>H</i> 72  |
| 3                                    | 26    | 135                                      | 132                          | 200       | 209                                      | 29             | 55                  | 7                 | 40          | 75               | 48   | 108  |

*Midshipmen of the second class and relative standing at the*

| Order of general merit for academic year. | Names.                                | State from which appointed. | Date of admission. | Age at date of admission. |         |
|---|---------------------------------------|-----------------------------|--------------------|---------------------------|---------|
|   |                                       |                             |                    | Years.                    | Months. |
| 74  | Conyne, James Henry.....              | New Jersey.....             | May 5, 1913        | 17                        | 6       |
| 194                                       | Cook, Seabury.....                    | New Jersey.....             | June 30, 1913      | 17                        | 8       |
| 125                                       | Cooley, Thomas Ross, jr. ....         | California.....             | June 28, 1913      | 20                        | 0       |
| 157                                       | Coontz, Kenneth Lee.....              | Alaska.....                 | May 8, 1913        | 16                        | 0       |
| 137                                       | Councill, Howard Folk . . . . .       | North Carolina.             | May 5, 1913        | 17                        | 11      |
| 81  | Courtney, Frank Joseph.....           | Arkansas . . . . .          | May 28, 1913       | 18                        | 6       |
| H214                                      | Craig, Arthur Burgin.....             | North Carolina.             | May 2, 1913        | 17                        | 2       |
| ij152                                     | Creesy, Andrew Elliott.....           | Massachusetts..             | May 1, 1913        | 19                        | 6       |
| f222                                      | Cronan, John Gerald.....              | California.....             | May 14, 1913       | 19                        | 11      |
| 199                                       | Crosley, Floyd Stewart . . . . .      | Georgia.....                | Apr. 29, 1913      | 16                        | 3       |
| 60  | Cruse, John Roger.....                | Missouri.....               | May 12, 1913       | 16                        | 11      |
| 52  | Cummings, George Clarence.....        | Massachusetts..             | Aug. 13, 1913      | 20                        | 0       |
| 153                                       | Curr, Chauncey Rossiter.....          | New York.....               | May 20, 1913       | 19                        | 5       |
| 158                                       | Curran, John Anthony.....             | Maine.....                  | Apr. 24, 1913      | 18                        | 10      |
| 147                                       | Daab, Philip Martin . . . . .         | New York.....               | May 5, 1913        | 19                        | 1       |
| 42  | Dashiell, Robert Brooke . . . . .     | At Large.....               | May 5, 1913        | 17                        | 6       |
| 136                                       | Davis, Ward Percival.....             | Idaho.....                  | May 5, 1913        | 18                        | 3       |
| 12  | Dean, Frank Homewood . . . . .        | Delaware.....               | May 14, 1913       | 19                        | 5       |
| *7  | Dees, Randal Euesta.....              | Mississippi.....            | June 30, 1913      | 19                        | 9       |
| 102                                       | Denebrink, Francis Compton....        | Wyoming.....                | May 8, 1913        | 16                        | 11      |
| 30  | De Veaux, Lyle Calhoun.....           | Missouri.....               | May 20, 1913       | 19                        | 3       |
| 109                                       | Dietrich, William Francis.....        | New York.....               | May 26, 1913       | 19                        | 10      |
| 201                                       | Dillon, Stephen Edwin.....            | Arkansas . . . . .          | May 8, 1913        | 17                        | 7       |
| 99  | Doughty, Leonard, jr.....             | Texas.....                  | May 20, 1913       | 19                        | 1       |
| 20  | Douglas, Alexander Dean.....          | Oklahoma.....               | June 30, 1913      | 18                        | 11      |
| Ac  | Downey, Kavanaugh Charles<br>William. | Wisconsin.....              | May 5, 1913        | 19                        | 4       |
| 21  | Duncan, Donald Bradley.....           | Michigan . . . . .          | May 5, 1913        | 16                        | 8       |
| 119                                       | Dunwoody, Kingsland.....              | New York . . . . .          | Apr. 30, 1913      | 17                        | 6       |
| 183                                       | Duvall, Elmer Ellsworth, jr.....      | Maryland.....               | Apr. 25, 1913      | 18                        | 7       |
| g229                                      | Eaches, Robert Morse.....             | Pennsylvania..              | Apr. 22, 1913      | 18                        | 4       |
| 198                                       | Elmore, Willett . . . . .             | Alabama.....                | June 3, 1913       | 17                        | 5       |
| 77  | Ely, Hanson Edward, jr. ....          | Iowa . . . . .              | Apr. 29, 1913      | 17                        | 1       |
| 221                                       | Ely, Harold Faul . . . . .            | Pennsylvania..              | May 20, 1913       | 19                        | 7       |
| 162                                       | Evans, Donald Rodney . . . . .        | Delaware.....               | Apr. 23, 1913      | 17                        | 6       |

annual examination, June, 1915—233 members—Continued.

| Sea service<br>in practice<br>ships. |       | Order of merit for the academic year in— |                              |           |  |                |                     |                   |             |                  |                                      | for                                      | for |
|--------------------------------------|-------|--|------------------------------|-----------|--|----------------|---------------------|-------------------|-------------|------------------|--------------------------------------|--|-----|
| Months.                              | Days. | Mechanical process<br>and drawing.       | Elementary engi-<br>neering. | Calculus. | Electrical engineer-<br>ing and physics. | Naval history. | Constitutional law. | Modern languages. | Efficiency. | Practice cruise. | Number of demerits<br>academic year. | Order of general merit<br>academic year. |     |
| 5                                    | 27    | 131                                      | 138                          | 71        | 44                                       | 80             | 42                  | 77                | 208         | 166              | 65                                   | 74                                       |     |
| 5                                    | 27    | 185                                      | 195                          | 198       | 167                                      | 144            | 194                 | 145               | 187         | 136              | 44                                   | 194                                      |     |
| 5                                    | 27    | 67                                       | 163                          | 116       | 115                                      | 157            | 113                 | 195               | 12          | 153              | 19                                   | 125                                      |     |
| 5                                    | 27    | 150                                      | 227                          | 137       | 194                                      | 76             | 63                  | 81                | 177         | 180              | 34                                   | 157                                      |     |
| 6                                    | 2     | 135                                      | 157                          | 113       | 159                                      | 129            | 125                 | 126               | 99          | 121              | 32                                   | 137                                      |     |
| 5                                    | 6     | 50                                       | 98                           | 93        | 59                                       | 51             | 78                  | 121               | 34          | 214              | 54                                   | 81                                       |     |
| 3                                    | 26    | 204                                      | 123                          | 171       | 171                                      | 237            | 209                 | 225               | 62          | 227              | 128                                  | H214                                     |     |
| 6                                    | 2     | 99                                       | 163                          | 204       | 141                                      | 109            | 130                 | 98                | 95          | 10               | 12                                   | ij152                                    |     |
| 2                                    | 24    | 209                                      | 204                          | 169       | 200                                      | 123            | 206                 | 185               | 208         | 213              | 177                                  | f222                                     |     |
| 5                                    | 27    | 222                                      | 207                          | 214       | 218                                      | 145            | 220                 | 94                | 22          | 10               | 14                                   | 199                                      |     |
| 6                                    | 2     | 179                                      | 94                           | 50        | 87                                       | 76             | 139                 | 37                | 187         | 153              | 26                                   | 60                                       |     |
| 5                                    | 27    | 36                                       | 183                          | 30        | 52                                       | 104            | 93                  | 128               | 73          | 127              | 47                                   | 52                                       |     |
| 6                                    | 2     | 13                                       | 36                           | 192       | 170                                      | 204            | 155                 | 223               | 2           | 2                | 27                                   | 153                                      |     |
| 5                                    | 27    | 72                                       | 197                          | 153       | 167                                      | 129            | 121                 | 126               | 151         | 180              | 36                                   | 158                                      |     |
| 5                                    | 19    | 82                                       | 214                          | 142       | 104                                      | 120            | 55                  | 191               | 143         | 175              | 29                                   | 147                                      |     |
| 5                                    | 19    | 27                                       | 55                           | 48        | 112                                      | 9              | 97                  | 49                | 4           | 26               | 10                                   | 42                                       |     |
| 6                                    | 2     | 79                                       | 67                           | 88        | 134                                      | 225            | 218                 | 208               | 26          | 84               | 59                                   | 136                                      |     |
| 5                                    | 27    | 21                                       | 36                           | 21        | 2  | 59             | 69                  | 82                | 6           | 49               | 24                                   | 12                                       |     |
| 5                                    | 27    | 54                                       | 21                           | 5         | 5  | 8              | 8                   | 42                | 73          | 34               | 33                                   | *7                                       |     |
| 5                                    | 27    | 27                                       | 170                          | 160       | 124                                      | 12             | 13                  | 82                | 115         | 90               | 40                                   | 102                                      |     |
| 5                                    | 27    | 54                                       | 41                           | 53        | 38                                       | 80             | 69                  | 28                | 95          | 34               | 68                                   | 30                                       |     |
| 5                                    | 27    | 135                                      | 83                           | 99        | 158                                      | 68             | 63                  | 128               | 5           | 75               | 48                                   | 109                                      |     |
| 6                                    | 2     | 112                                      | 94                           | 199       | 208                                      | 195            | 220                 | 169               | 151         | 143              | 114                                  | 201                                      |     |
| 5                                    | 27    | 27                                       | 134                          | 45        | 99                                       | 48             | 72                  | 98                | 221         | 240              | 232                                  | 99                                       |     |
| 5                                    | 27    | 27                                       | 4                            | 86        | 23                                       | 4              | 10                  | 27                | 151         | 48               | 15                                   | 20                                       |     |
| 5                                    | 27    | 219                                      | .....                        | .....     | .....                                    | 137            | .....               | .....             | 194         | 236              | 60                                   | Ac                                       |     |
| 2                                    | 24    | 25                                       | 81                           | 27        | 27                                       | 18             | 16                  | 15                | 122         | 192              | 154                                  | 21                                       |     |
| 5                                    | 27    | 55                                       | 98                           | 146       | 152                                      | 32             | 108                 | 80                | 17          | 70               | 47                                   | 119                                      |     |
| 5                                    | 27    | 117                                      | 199                          | 131       | 190                                      | 129            | 195                 | 219               | 151         | 38               | 55                                   | 183                                      |     |
| 6                                    | 2     | 235                                      | 220                          | 206       | 226                                      | 223            | 187                 | 164               | 221         | 101              | 134                                  | g229                                     |     |
| 5                                    | 27    | 192                                      | 162                          | 150       | 191                                      | 176            | 225                 | 207               | 208         | 136              | 101                                  | 198                                      |     |
| 6                                    | 2     | 158                                      | 134                          | 59        | 51                                       | 24             | 83                  | 107               | 99          | 109              | 65                                   | 77                                       |     |
| 5                                    | 27    | 209                                      | 183                          | 210       | 217                                      | 161            | 226                 | 171               | 187         | 212              | 74                                   | 221                                      |     |
| 5                                    | 27    | 117                                      | 178                          | 151       | 149                                      | 80             | 218                 | 150               | 95          | 180              | 50                                   | 162                                      |     |

*Midshipmen of the second class and relative standing at the*

| Order of general merit for academic year. | Names.                              | State from which appointed. | Date of admission. | Age at date of admission. |         |
|---|-------------------------------------|-----------------------------|--------------------|---------------------------|---------|
|   |                                     |                             |                    | Years.                    | Months. |
| <i>ij</i> 17                              | Fahriou, Frank George.....          | West Virginia..             | June 26, 1913      | 19                        | 2       |
| 57  | Fairlamb, George Richardson, jr.    | Virginia.....               | Apr. 30, 1913      | 18                        | 6       |
| <i>H</i> 132                              | Fisher, Thomas Geary.....           | Maryland.....               | Apr. 30, 1913      | 18                        | 7       |
| <i>a</i> 7                                | Flagg, Allan Prescott.....          | New York.....               | May 1, 1913        | 18                        | 8       |
| 167                                       | Fleming, Robert Walton.....         | Louisiana.....              | Apr. 30, 1913      | 19                        | 4       |
| 169                                       | Floyd-Jones, Kenneth.....           | New York.....               | May 2, 1913        | 18                        | 2       |
| †181                                      | Forshew, John Hildreth, jr.....     | New York.....               | June 12, 1913      | 16                        | 10      |
| 177                                       | Forster, Guido Frederick.....       | New York.....               | Sept. 11, 1913     | 18                        | 5       |
| 25  | Fox, David Carl.....                | Pennsylvania..              | July 10, 1913      | 17                        | 0       |
| 195                                       | Fox, Henry Wilbur.....              | Indiana.....                | Apr. 28, 1913      | 18                        | 2       |
| 63  | Fullinwider, Simon Pendleton...     | New Mexico...               | Aug. 15, 1913      | 16                        | 0       |
| 112                                       | Gale, Thomas Boyle.....             | Tennessee.....              | June 16, 1913      | 18                        | 6       |
| <i>f</i> 191                              | Glick, David.....                   | Pennsylvania..              | June 9, 1913       | 17                        | 8       |
| 113                                       | Gover, Lewis Lynn.....              | Alabama.....                | May 16, 1913       | 19                        | 3       |
| 120                                       | Grant, Vernon Francis.....          | Mississippi....             | Apr. 23, 1913      | 18                        | 10      |
| 203                                       | Gray, John Farmer Wilson.....       | Pennsylvania...             | Aug. 1, 1913       | 18                        | 4       |
| <i>g</i> 206                              | Grove, Conrad Shamel, 3d.....       | Pennsylvania...             | Apr. 29, 1913      | 18                        | 10      |
| 75  | Gruelick, Richard Wetherill....     | Indiana.....                | May 7, 1913        | 19                        | 1       |
| *1  | <b>Haeberle, Frederick Edward..</b> | California.....             | May 22, 1913       | 19                        | 10      |
| 104                                       | Hagen, Edward Gillette.....         | New Jersey.....             | Apr. 21, 1913      | 19                        | 7       |
| 131                                       | Hanafee, Frank Joseph.....          | Indiana.....                | May 8, 1913        | 17                        | 0       |
| 135                                       | Hansen, Carl Ludvig.....            | North Dakota..              | Apr. 29, 1913      | 19                        | 4       |
| 134                                       | Hanson, Evan Greenwood.....         | Utah.....                   | June 27, 1913      | 18                        | 9       |
| 80  | Harper, Richard Harvey.....         | Texas.....                  | May 27, 1913       | 19                        | 4       |
| 115                                       | Harris, Thomas Field.....           | Kentucky.....               | June 4, 1913       | 17                        | 9       |
| 114                                       | Harrison, Thomas Walter, jr....     | Virginia.....               | May 22, 1913       | 19                        | 5       |
| 150                                       | Harriss, George Latham.....         | North Carolina.             | May 5, 1913        | 17                        | 2       |
| 94  | Harvey, Lawrence.....               | Pennsylvania...             | May 6, 1913        | 19                        | 6       |
| 69  | Hayden, Charles Lynn.....           | Wisconsin.....              | May 20, 1913       | 18                        | 3       |
| 166                                       | Hayes, Harold Dorr.....             | Colorado.....               | May 5, 1913        | 19                        | 5       |
| 103                                       | Headlee, Colin De Vere.....         | Washington.....             | May 20, 1913       | 20                        | 1       |
| 128                                       | Heffernan, John Baptist.....        | Indiana.....                | May 23, 1913       | 18                        | 7       |
| 149                                       | Hendley, Thomas Bentley.....        | Tennessee.....              | June 28, 1913      | 19                        | 10      |
| <i>br</i> 197                             | Herndon, Coburn.....                | Missouri.....               | June 23, 1913      | 19                        | 5       |
| 226                                       | Hoeffel, Kenneth Mortimer.....      | Wisconsin.....              | June 30, 1913      | 19                        | 3       |

annual examination, June, 1915—233 members—Continued.

| Sea service<br>in practice<br>ships. |       | Order of merit for the academic year in— |                              |           |  |                |                     |                   |             |                  | Number of demerits<br>for<br>academic year. | Order of general merit<br>for<br>academic year. |
|--------------------------------------|-------|--|------------------------------|-----------|--|----------------|---------------------|-------------------|-------------|------------------|---|---|
| Months.                              | Days. | Mechanical process<br>and drawing.       | Elementary engi-<br>neering. | Calculus. | Electrical engineer-<br>ing and physics. | Naval history. | Constitutional law. | Modern languages. | Efficiency. | Practice cruise. |   |   |
| 5                                    | 27    | 17                                       | 27                           | 8         | 12                                       | 42             | 47                  | 111               | 177         | 34               | 76  | <i>ij</i> 17                                    |
| 5                                    | 27    | 129                                      | 47                           | 57        | 28                                       | 36             | 63                  | 93                | 177         | 6                | 120   | 57  |
| 3                                    | 21    | 112                                      | 51                           | 109       | 113                                      | 174            | 162                 | 181               | 62          | 180              | 94  | <i>H</i> 132                                    |
| 4                                    | 22    | 222                                      | .....                        | .....     | .....                                    | 145            | .....               | .....             | 158         | 23               | 105   | <i>a</i> ¶                                      |
| 6                                    | 2     | 150                                      | 55                           | 195       | 205                                      | 161            | 213                 | 92                | 22          | 94               | 50  | 167   |
| 5                                    | 27    | 189                                      | 98                           | 165       | 180                                      | 68             | 178                 | 72                | 177         | 216              | 115   | 169   |
| 6                                    | 2     | 215                                      | 186                          | 126       | 192                                      | 133            | 230                 | 60                | 99          | 233              | 110   | †181  |
| 6                                    | 2     | 209                                      | 178                          | 135       | 202                                      | 22             | 44                  | 45                | 216         | 230              | 238   | 177   |
| 6                                    | 2     | 47                                       | 66                           | 36        | 40                                       | 13             | 49                  | 18                | 158         | 29               | 92  | 25  |
| 6                                    | 2     | 163                                      | 202                          | 179       | 219                                      | 87             | 192                 | 189               | 46          | 160              | 5   | 195   |
| 5                                    | 27    | 61                                       | 109                          | 60        | 32                                       | 14             | 180                 | 134               | 46          | 190              | 29  | 63  |
| 5                                    | 27    | 124                                      | 71                           | 85        | 189                                      | 59             | 167                 | 45                | 158         | 59               | 122   | 112   |
| 3                                    | 17    | 222                                      | 214                          | 156       | 81                                       | 133            | 195                 | 218               | 177         | 237              | 123   | <i>f</i> 191                                    |
| 5                                    | 27    | 150                                      | 168                          | 112       | 111                                      | 27             | 49                  | 107               | 194         | 136              | 61  | 113   |
| 5                                    | 27    | 74                                       | 79                           | 123       | 92                                       | 47             | 130                 | 216               | 99          | 66               | 69  | 120   |
| 5                                    | 27    | 192                                      | 208                          | 209       | 222                                      | 109            | 170                 | 141               | 229         | 79               | 43  | 203   |
| 5                                    | 27    | 180                                      | 132                          | 181       | 185                                      | 174            | 223                 | 231               | 143         | 75               | 69  | <i>g</i> 206                                    |
| 5                                    | 27    | 50                                       | 89                           | 75        | 78                                       | 14             | 149                 | 56                | 62          | 121              | 89  | 75  |
| 5                                    | 27    | 19                                       | 1                            | 6         | 1  | 1              | 1                   | 7                 | 26          | 1                | 7   | *1  |
| 5                                    | 27    | 47                                       | 71                           | 158       | 129                                      | 39             | 103                 | 70                | 99          | 160              | 32  | 104   |
| 6                                    | 2     | 150                                      | 217                          | 81        | 119½                                     | 98             | 155                 | 136               | 122         | 106              | 73  | 131   |
| 5                                    | 27    | 84                                       | 27                           | 114       | 141                                      | 151            | 228                 | 205               | 59          | 143              | 16  | 135   |
| 5                                    | 27    | 198                                      | 173                          | 70        | 135                                      | 137            | 209                 | 94                | 53          | 206              | 80  | 134   |
| 5                                    | 27    | 144                                      | 116                          | 66        | 101                                      | 181            | 136                 | 35                | 40          | 10               | 55  | 80  |
| 5                                    | 27    | 158                                      | 191                          | 97        | 75                                       | 95             | 172                 | 152               | 122         | 34               | 78  | 115   |
| 2                                    | 16    | 168                                      | 225                          | 23        | 173                                      | 166            | 167                 | 215               | 7           | 62               | 43  | 114   |
| 6                                    | 2     | 192                                      | 134                          | 148       | 150                                      | 92             | 60                  | 69                | 122         | 208              | 94  | 150   |
| 3                                    | 26    | 62                                       | 87                           | 121       | 60                                       | 74             | 87                  | 171               | 143         | 171              | 31  | 94  |
| 5                                    | 27    | 33                                       | 18                           | 73        | 21                                       | 116            | 63                  | 213               | 108         | 143              | 108   | 69  |
| 6                                    | 2     | 233                                      | 221                          | 189       | 155                                      | 104            | 206                 | 60                | 132         | 84               | 16  | 166   |
| 5                                    | 27    | 42                                       | 40                           | 136       | 67                                       | 59             | 187                 | 177               | 34          | 84               | 68  | 103   |
| 5                                    | 27    | 89                                       | 180                          | 147       | 159                                      | 18             | 7                   | 164               | 26          | 206              | 29  | 128   |
| 6                                    | 2     | 209                                      | 168                          | 144       | 136                                      | 145            | 87                  | 88                | 187         | 143              | 34  | 149   |
| 2                                    | 29    | 180                                      | 89                           | 231       | 121                                      | 92             | 136                 | 144               | 40          | 115              | 52  | <i>br</i> 197                                   |
| 5                                    | 27    | 241                                      | 208                          | 226       | 212                                      | 116            | 125                 | 197               | 99          | 94               | 140   | 226   |

*Midshipmen of the second class and relative standing at the*

| Order of general merit for academic year. | Names.                           | State from which appointed. | Date of admission. | Age at date of admission. |         |
|---|----------------------------------|-----------------------------|--------------------|---------------------------|---------|
|   |                                  |                             |                    | Years.                    | Months. |
| 93  | Holden, Carl Frederick.....      | Maine.....                  | May 26, 1913       | 18                        | 0       |
| 130                                       | Holton, Chester McKinley.....    | Ohio.....                   | May 5, 1913        | 18                        | 0       |
| 207                                       | Hooks, Donald Robert.....        | Arkansas.....               | July 7, 1913       | 18                        | 10      |
| 208                                       | Hoover, Guy Bashford.....        | Ohio.....                   | June 28, 1913      | 19                        | 11      |
| <i>Giu</i> 24                             | Hopkins, William Harney, jr..... | Tennessee.....              | May 9, 1913        | 19                        | 7       |
| <i>ij</i> 47                              | Howard, George Turner.....       | Georgia.....                | May 2, 1913        | 20                        | 0       |
| 90  | Hudson, Lester Jay.....          | California.....             | June 24, 1913      | 19                        | 2       |
| 111                                       | Hurlbut, Earl Schaefer.....      | Kansas.....                 | May 2, 1913        | 20                        | 0       |
| 23  | Huschke, Paul William Frederick  | Oregon.....                 | June 30, 1913      | 18                        | 2       |
| † <i>H</i> 230                            | Hutson, Albert Lockett.....      | Texas.....                  | May 22, 1913       | 19                        | 5       |
| 118                                       | Hyde, Ralph Underhill.....       | New York.....               | June 24, 1913      | 18                        | 11      |
| 83  | Irby, Franklin Scott.....        | Texas.....                  | May 9, 1913        | 18                        | 7       |
| 178                                       | Jackson, Herbert Wiley.....      | Kansas.....                 | May 1, 1913        | 19                        | 0       |
| 186                                       | Jacobsen, Conrad Leikness.....   | Oregon.....                 | May 8, 1913        | 19                        | 3       |
| 122                                       | Jenkins, John Hayes.....         | Washington.....             | June 30, 1913      | 17                        | 6       |
| 11  | Johnson, Clarence Willard.....   | Minnesota.....              | June 28, 1913      | 18                        | 6       |
| 132                                       | Jones, Charles Myers.....        | North Carolina.....         | May 12, 1913       | 18                        | 8       |
| 138                                       | Jones, Edward Harral.....        | Pennsylvania.....           | Apr. 24, 1913      | 18                        | 6       |
| 210                                       | Jones, William Davis, jr.....    | Texas.....                  | June 11, 1913      | 19                        | 1       |
| 145                                       | Keating, Robert Emmet.....       | Illinois.....               | May 12, 1913       | 19                        | 9       |
| 142                                       | Keefe, John Henry.....           | Maine.....                  | May 31, 1913       | 20                        | 0       |
| 123                                       | Keller, George Monteith.....     | Connecticut.....            | June 10, 1913      | 18                        | 4       |
| 65  | Keller, Karl.....                | Pennsylvania.....           | June 4, 1913       | 19                        | 1       |
| 192                                       | Kelly, Laurence Edward.....      | Pennsylvania.....           | May 13, 1913       | 18                        | 6       |
| 18  | Kiland, Ingoff Norman.....       | Wisconsin.....              | May 13, 1913       | 18                        | 2       |
| 126                                       | King, Edwin Drummond.....        | New York.....               | Oct. 28, 1913      | 19                        | 10      |
| 22  | Klein, Harold Samuel.....        | Pennsylvania.....           | May 8, 1913        | 18                        | 9       |
| 39  | Knowles, Herbert Bain.....       | Maine.....                  | May 12, 1913       | 19                        | 2       |
| 165                                       | Lehrfeld, Isidore.....           | New York.....               | May 1, 1913        | 18                        | 6       |
| 76  | Lively, Frank Wilson.....        | West Virginia.....          | June 30, 1913      | 18                        | 5       |
| <i>f</i> 82                               | Lowry, Edmund James.....         | Rhode Island.....           | May 2, 1913        | 19                        | 1       |
| 174                                       | Ludlow, William Goodwin, jr....  | South Dakota.....           | May 20, 1913       | 18                        | 6       |
| 227                                       | Luth, William Clark.....         | New York.....               | July 28, 1913      | 19                        | 5       |
| 164                                       | McCann, Allan Rockwell.....      | Massachusetts.....          | June 23, 1913      | 16                        | 9       |
| <i>ad</i> 155                             | McCarty, William Luther.....     | Kentucky.....               | June 26, 1913      | 19                        | 7       |

annual examination, June, 1915—233 members—Continued.

| Sea service<br>in practice<br>ships. |       | Order of merit for the academic year in— |                              |           |  |                |                     |                   |             |                  | for<br>Number<br>of demerits<br>for<br>academic year. | for<br>Order<br>of general merit<br>for<br>academic year. |
|--------------------------------------|-------|--|------------------------------|-----------|--|----------------|---------------------|-------------------|-------------|------------------|---|---|
| Months.                              | Days. | Mechanical process<br>and drawing.       | Elementary engi-<br>neering. | Calculus. | Electrical engineer-<br>ing and physics. | Naval history. | Constitutional law. | Modern languages. | Efficiency. | Practice cruise. |   |   |
| 3                                    | 20    | 72                                       | 89                           | 107       | 103                                      | 32             | 130                 | 102               | 53          | 53               | 34  | 93  |
| 5                                    | 27    | 135                                      | 138                          | 160       | 117                                      | 98             | 121                 | 86                | 115         | 66               | 40  | 130   |
| 5                                    | 27    | 227                                      | 221                          | 145       | 223                                      | 225            | 226                 | 174               | 115         | 231              | 56  | 207   |
| 5                                    | 27    | 209                                      | 225                          | 174       | 106                                      | 239            | 204                 | 179               | 201         | 180              | 140   | 208   |
| 2                                    | 24    | 1  | 8                            | 37        | 26                                       | 23             | 30                  | 179               | 17          | 49               | 12  | <i>Giu</i> 24   |
| 3                                    | 25    | 163                                      | 94                           | 51        | 33                                       | 98             | 16                  | 134               | 11          | 90               | 5   | <i>ij</i> 47  |
| 6                                    | 2     | 43                                       | 47                           | 80        | 109                                      | 104            | 83                  | 168               | 34          | 127              | 50  | 90  |
| 6                                    | 2     | 140                                      | 109                          | 76        | 127                                      | 166            | 162                 | 164               | 108         | 109              | 26  | 111   |
| 5                                    | 27    | 43                                       | 16                           | 42        | 33                                       | 10             | 25                  | 31                | 208         | 153              | 33  | 23  |
| 3                                    | 21    | 203                                      | 223                          | 230       | 224                                      | 151            | 97                  | 209               | 177         | 149              | 118   | † <i>H</i> 230  |
| 5                                    | 27    | 99                                       | 168                          | 211       | 165                                      | 129            | 97                  | 17                | 73          | 6                | 33  | 118   |
| 5                                    | 27    | 33                                       | 55                           | 90        | 79                                       | 123            | 35                  | 185               | 132         | 53               | 36  | 83  |
| 5                                    | 19    | 144                                      | 147                          | 187       | 187                                      | 199            | 53                  | 205               | 143         | 79               | 19  | 178   |
| 5                                    | 27    | 180                                      | 172                          | 140       | 207                                      | 229            | 167                 | 169               | 122         | 29               | 79  | 186   |
| 5                                    | 27    | 185                                      | 79                           | 117       | 91                                       | 157            | 162                 | 130               | 168         | 135½             | 71  | 122   |
| 6                                    | 2     | 2  | 17                           | 14        | 9  | 59             | 149                 | 30                | 15          | 21               | 48  | 11  |
| 6                                    | 2     | 46                                       | 106                          | 192       | 128                                      | 86             | 97                  | 102               | 32          | 101              | 71  | 132   |
| 3                                    | 17    | 103                                      | 143                          | 127       | 171                                      | 204            | 97                  | 123               | 13          | 115              | 15  | 138   |
| 5                                    | 27    | 222                                      | 186                          | 213       | 164                                      | 218            | 125                 | 177               | 231         | 235              | 73  | 210   |
| 5                                    | 27    | 168                                      | 157                          | 158       | 163                                      | 68             | 136                 | 67                | 132         | 136              | 25  | 145   |
| 3                                    | 20    | 154                                      | 113                          | 138       | 162                                      | 87             | 69                  | 157               | 95          | 136              | 12  | 142   |
| 5                                    | 27    | 74                                       | 83                           | 82        | 125                                      | 98             | 121                 | 159               | 201         | 15               | 154   | 123   |
| 3                                    | 17    | 110                                      | 116                          | 29        | 39                                       | 35             | 32                  | 201               | 221         | 223              | 138   | 65  |
| 6                                    | 2     | 156                                      | 77                           | 207       | 183                                      | 176            | 155                 | 195               | 132         | 127              | 65  | 192   |
| 5                                    | 27    | 36                                       | 10                           | 24        | 25                                       | 51             | 27                  | 53                | 99          | 53               | 35  | 18  |
| 5                                    | 27    | 168                                      | 170                          | 52        | 115                                      | 225            | 130                 | 212               | 143         | 195              | 83  | 126   |
| 5                                    | 27    | 43                                       | 14                           | 20        | 14                                       | 66             | 18                  | 136               | 122         | 127              | 48  | 22  |
| 6                                    | 2     | 112                                      | 36                           | 71        | 76                                       | 116            | 103                 | 13                | 62          | 90               | 37  | 39  |
| 6                                    | 2     | 76                                       | 191                          | 111       | 146                                      | 204            | 220                 | 124               | 73          | 227              | 118   | 165   |
| 6                                    | 2     | 144                                      | 76                           | 33        | 102                                      | 98             | 83                  | 86                | 115         | 172              | 113   | 76  |
| 6                                    | 2     | 84                                       | 106                          | 120       | 138                                      | 137            | 139                 | 14                | 62          | 62               | 17  | <i>f</i> 82   |
| 5                                    | 27    | 144                                      | 157                          | 139       | 177                                      | 166            | 113                 | 193               | 15          | 75               | 90  | 174   |
| 3                                    | 26    | 198                                      | 204                          | 220       | 204                                      | 216            | 155                 | 136               | 143         | 216              | 198   | 227   |
| 5                                    | 27    | 144                                      | 204                          | 130       | 147                                      | 157            | 172                 | 162               | 158         | 208              | 48  | 164   |
| 5                                    | 4     | 227                                      | 180                          | 133       | 129                                      | 166            | 113                 | 132               | 143         | 15               | 68  | <i>dd</i> 155   |

*Midshipmen of the second class and relative standing at the*

| Order of general merit for academic year. | Names.                             | State from which appointed. | Date of admission. | Age at date of admission. |         |
|---|------------------------------------|-----------------------------|--------------------|---------------------------|---------|
|   |                                    |                             |                    | Years.                    | Months. |
| *3  | McIver, George Wilcox, jr.....     | California.....             | Aug. 15, 1913      | 16                        | 0       |
| 15  | McKee, Andrew Irwin.....           | Kentucky.....               | May 5, 1913        | 17                        | 3       |
| 73  | McReynolds, Robert Wing, jr. . .   | Texas.....                  | June 20, 1913      | 19                        | 4       |
| 187                                       | Mack, Andrew Robert.....           | New Hampshire               | June 27, 1913      | 17                        | 5       |
| †216                                      | Manton, John Paul.....             | Ohio.....                   | May 19, 1913       | 18                        | 4       |
| *5  | Maples, Houston Ledbetter... .     | Alabama.....                | Sept. 30, 1913     | 17                        | 7       |
| 62  | Marbourg, Edgar Foster.....        | Colorado.....               | May 26, 1913       | 16                        | 1       |
| 48  | Matthews, Robert Bowman.....       | Louisiana.....              | Apr. 29, 1913      | 17                        | 9       |
| †200                                      | Mentz, George Francis.....         | Minnesota.....              | June 20, 1913      | 17                        | 2       |
| 46  | Metcalf, John Tucker.....          | Rhode Island... .           | Apr. 22, 1913      | 19                        | 6       |
| 34  | Mitchell, Edward Alexander.....    | New York.....               | June 11, 1913      | 17                        | 7       |
| 174                                       | Moen, Arthur Thomas.....           | Iowa.....                   | June 28, 1913      | 18                        | 6       |
| 38  | Moore, Vincent John.....           | Pennsylvania ..             | June 25, 1913      | 19                        | 1       |
| 176                                       | Moran, Edward Joseph .....         | Illinois.....               | Apr. 25, 1913      | 19                        | 8       |
| 146                                       | Morcock, William James.....        | Georgia.....                | May 20, 1913       | 19                        | 3       |
| 91  | Morris, Earl William.....          | Ohio.....                   | Sept. 10, 1913     | 19                        | 6       |
| 101                                       | Moss, James Ehlen.....             | Oklahoma.....               | June 28, 1913      | 17                        | 11      |
| 193                                       | Murphy, John Vernon .....          | Texas.....                  | June 18, 1913      | 20                        | 0       |
| 14  | Muschlitz, Earle Eugene.....       | Pennsylvania ..             | Apr. 22, 1913      | 18                        | 7       |
| 141                                       | Neilson, Frederic Winthrop.....    | New York.....               | June 21, 1913      | 17                        | 5       |
| 61  | Nichols, Harry James .....         | Missouri.....               | May 8, 1913        | 20                        | 0       |
| 19  | Noble, Albert.....                 | Oklahoma.....               | June 2, 1913       | 17                        | 6       |
| 55  | Ogg, Robert Rennie .....           | New York.....               | June 26, 1913      | 18                        | 3       |
| *8  | Oster, Henry Richard.....          | New York.....               | July 7, 1913       | 18                        | 1       |
| *2  | Ostrander, John Edwin, jr....      | Massachusetts..             | Apr. 29, 1913      | 18                        | 7       |
| 116                                       | Park, Peyton Hogue.....            | North Carolina .            | June 21, 1913      | 20                        | 0       |
| gr217                                     | Parkhurst, Thomas Reynolds ...     | Missouri.....               | June 6, 1913       | 17                        | 9       |
| 159                                       | Perkins, Constantine Nicholas... . | California.....             | May 1, 1913        | 16                        | 10      |
| 88  | Phillips, Edwin Ray.....           | Iowa.....                   | May 20, 1913       | 19                        | 1       |
| 203                                       | Phillips, William Kearney.....     | Georgia.....                | May 1, 1913        | 19                        | 2       |
| 172                                       | Poindexter, Gale Aylett.....       | Washington ....             | May 23, 1913       | 19                        | 11      |
| 110                                       | Porter, Robert Lee, jr.....        | Maryland.....               | May 8, 1913        | 17                        | 8       |
| h21 H231                                  | Post, Charles Kintzing.....        | California.....             | June 30, 1913      | 16                        | 6       |
| 96  | Presnell, Byron King.....          | Idaho.....                  | June 30, 1913      | 19                        | 0       |
| 85  | Price, Allen Ingram.....           | Ohio.....                   | June 30, 1913      | 18                        | 2       |

annual examination, June, 1915—233 members—Continued.

| Sea service<br>in practice<br>ships. |       | Order of merit for the academic year in— |                              |           |  |                |                     |                   |             |                  | Number of demerits<br>for<br>academic year. | Order of general merit<br>for<br>academic year. |
|--------------------------------------|-------|--|------------------------------|-----------|--|----------------|---------------------|-------------------|-------------|------------------|---|---|
| Months.                              | Days. | Mechanical process<br>and drawing.       | Elementary engi-<br>neering. | Calculus. | Electrical engineer-<br>ing and physics. | Naval history. | Constitutional law. | Modern languages. | Efficiency. | Practice cruise. |   |   |
| 6                                    | 2     | 23                                       | 10                           | 1         | 22                                       | 5              | 4                   | 4                 | 22          | 15               | 39  | *3  |
| 6                                    | 2     | 13                                       | 8                            | 9         | 10                                       | 221            | 87                  | 72                | 73          | 216              | 27  | 15  |
| 5                                    | 27    | 103                                      | 120                          | 43        | 98                                       | 189            | 80                  | 51                | 22          | 190              | 78  | 73  |
| 5                                    | 27    | 40                                       | 67                           | 176       | 205                                      | 212            | 213                 | 209               | 73          | 135              | 90  | 187   |
| 6                                    | 2     | 158                                      | 138                          | 229       | 225                                      | 161            | 125                 | 225               | 59          | 195              | 42  | †216  |
| 6                                    | 2     | 20                                       | 2                            | 3         | 19                                       | 3              | 2                   | 19                | 108         | 153              | 38  | *5  |
| 5                                    | 27    | 8  | 21                           | 108       | 42                                       | 74             | 31                  | 181               | 122         | 66               | 27  | 62  |
| 5                                    | 27    | 144                                      | 70                           | 49        | 53                                       | 14             | 35                  | 89                | 168         | 149              | 25  | 48  |
| 6                                    | 2     | 239                                      | 219                          | 223       | 228                                      | 212            | 192                 | 1                 | 213         | 195              | 229   | †200  |
| 6                                    | 2     | 219                                      | 109                          | 38        | 107                                      | 57             | 60                  | 9                 | 168         | 153              | 60  | 46  |
| 5                                    | 27    | 84                                       | 36                           | 56        | 48                                       | 11             | 23                  | 55                | 17          | 166              | 33  | 34  |
| 5                                    | 27    | 140                                      | 106                          | 162       | 181                                      | 235            | 170                 | 200               | 59          | 45               | 13  | 174   |
| 5                                    | 27    | 129                                      | 51                           | 17        | 45                                       | 123            | 75                  | 115               | 208         | 225½             | 71  | 38  |
| 5                                    | 27    | 76                                       | 189                          | 186       | 119                                      | 236            | 80                  | 229               | 158         | 49               | 50  | 176   |
| 5                                    | 27    | 103                                      | 116                          | 128       | 182                                      | 184            | 147                 | 111               | 82          | 53               | 36  | 146   |
| 5                                    | 27    | 35                                       | 109                          | 77        | 50                                       | 189            | 143                 | 147               | 82          | 42               | 130   | 91  |
| 2                                    | 24    | 15                                       | 26                           | 152       | 61                                       | 192            | 106                 | 184               | 115         | 45               | 78  | 101   |
| 5                                    | 29    | 131                                      | 41                           | 223       | 210                                      | 184            | 147                 | 187               | 140         | 160              | 46  | 193   |
| 5                                    | 27    | 27                                       | 18                           | 15        | 7  | 27             | 20                  | 62                | 46          | 84               | 83  | 14  |
| 5                                    | 27    | 82                                       | 98                           | 142       | 137                                      | 21             | 42                  | 58                | 158         | 201              | 213   | 141   |
| 6                                    | 2     | 40                                       | 63                           | 95        | 43                                       | 51             | 44                  | 94                | 82          | 62               | 66  | 61  |
| 5                                    | 27    | 121                                      | 89                           | 9         | 24                                       | 68             | 108                 | 40                | 140         | 79               | 23  | 19  |
| 5                                    | 27    | 6  | 55                           | 17        | 69                                       | 204            | 183                 | 219               | 53          | 70               | 58  | 55  |
| 5                                    | 27    | 76                                       | 10                           | 11        | 6  | 14             | 9                   | 32                | 132         | 208              | 19  | *8  |
| 6                                    | 2     | 6  | 3                            | 4         | 3  | 6              | 5                   | 9                 | 108         | 8                | 63  | *2  |
| 5                                    | 27    | 84                                       | 123                          | 89        | 94                                       | 212            | 125                 | 171               | 158         | 62               | 87  | 116   |
| 6                                    | 2     | 200                                      | 208                          | 208       | 227                                      | 184            | 121                 | 152               | 122         | 53               | 99  | gr217   |
| 6                                    | 2     | 163                                      | 186                          | 128       | 121                                      | 137            | 204                 | 26                | 229         | 225              | 244   | 159   |
| 6                                    | 2     | 54                                       | 14                           | 63        | 84                                       | 212            | 180                 | 136               | 82          | 160              | 109   | 88  |
| 5                                    | 27    | 237                                      | 214                          | 180       | 211                                      | 204            | 213                 | 63                | 194         | 160              | 112   | 203   |
| 6                                    | 2     | 93                                       | 51                           | 154       | 154                                      | 192            | 187                 | 229               | 194         | 121              | 79  | 172   |
| 6                                    | 2     | 204                                      | 147                          | 103       | 100                                      | 92             | 37                  | 147               | 73          | 38               | 47  | 110   |
| 3                                    | 3     | 227                                      | 229                          | 227       | 230                                      | 76             | 195                 | 219               | 177         | 14               | 69  | h¶H231  |
| 6                                    | 2     | 158                                      | 98                           | 117       | 77                                       | 145            | 72                  | 53                | 158         | 180              | 94  | 96  |
| 5                                    | 27    | 121                                      | 123                          | 94        | 95                                       | 104            | 37                  | 67                | 99          | 22               | 65  | 85  |

*Midshipmen of the second class and relative standing at the*

| Order of general merit for academic year. | Names.                            | State from which appointed. | Date of admission. | Age at date of admission. |         |
|---|-----------------------------------|-----------------------------|--------------------|---------------------------|---------|
|   |                                   |                             |                    | Years.                    | Months. |
| 1171                                      | Quinby, William Peet .....        | New York.....               | May 1, 1913        | 18                        | 11      |
| 10  | Randolph, Robert Lee, jr .....    | Maryland .....              | May 26, 1913       | 18                        | 0       |
| 16  | Rawlings, Norborne Lewis .....    | Virginia .....              | May 5, 1913        | 18                        | 11      |
| f100                                      | Reagle, Charles Marshall.....     | Ohio.....                   | Apr. 22, 1913      | 18                        | 11      |
| 124                                       | Reaves, Andrew Glover.....        | Florida .....               | May 8, 1913        | 18                        | 8       |
| 161                                       | Reifel, William McKinley.....     | Ohio.....                   | June 25, 1913      | 17                        | 11      |
| 26  | Richards, William Pettet.....     | Washington....              | May 1, 1913        | 18                        | 2       |
| 27  | Richmond, John O'Donnel .....     | Pennsylvania ..             | May 9, 1913        | 18                        | 8       |
| 78  | Rogers, Edward Brien.....         | Virginia .....              | Apr. 23, 1913      | 18                        | 3       |
| 215                                       | Rogers, Ford Ovid.....            | Texas .....                 | May 13, 1913       | 19                        | 2       |
| 190                                       | Ross, Thomas Dashiell.....        | Arizona.....                | May 9, 1913        | 19                        | 6       |
| 224                                       | Routier, Glenn Elastus .....      | New York .....              | May 26, 1913       | 18                        | 4       |
| 67  | Sallada, Harold Bushnell.....     | Pennsylvania ..             | June 18, 1913      | 18                        | 5       |
| 205                                       | Sargeant, Laurence Prescott.....  | Kansas .....                | May 7, 1913        | 19                        | 11      |
| 49  | Schneider, Adolph Piening .....   | California.....             | May 16, 1913       | 17                        | 9       |
| 170                                       | Schofield, Albert Richardson....  | Pennsylvania ..             | May 12, 1913       | 18                        | 6       |
| 13  | Schumacher, Theodore Leon.....    | Minnesota.....              | May 2, 1913        | 18                        | 7       |
| 64  | Sease, Hugh Saint Clair.....      | South Carolina.             | May 19, 1913       | 19                        | 9       |
| 179                                       | Senn, Elliott Marchant .....      | Mississippi.....            | May 19, 1913       | 16                        | 0       |
| 35  | Shepard, Andrew Gilbert .....     | New York .....              | June 26, 1913      | 16                        | 0       |
| 37  | Shortridge, Paul Fearson.....     | Missouri.....               | May 13, 1913       | 17                        | 4       |
| 87  | Shown, Wilbur Victor.....         | Texas.....                  | May 14, 1913       | 17                        | 6       |
| 140                                       | Skylstead, Ralph Frederick .....  | Montana.....                | May 6, 1913        | 17                        | 7       |
| 43  | Small, Lisle Francis.....         | Iowa .....                  | May 22, 1913       | 18                        | 4       |
| 168                                       | Smith, Francis Adam.....          | Nebraska.....               | Apr. 29, 1913      | 18                        | 7       |
| g211                                      | Sobel, Herbert Russell.....       | Ohio.....                   | June 30, 1913      | 16                        | 6       |
| 89  | Sparrow, Edward.....              | Nebraska.....               | May 5, 1913        | 17                        | 0       |
| 154                                       | Spellman, Francis Thomas .....    | Massachusetts..             | Apr. 23, 1913      | 18                        | 2       |
| 225                                       | Spencer, Douglas Ancrum.....      | North Carolina .            | May 7, 1913        | 17                        | 3       |
| i196                                      | Staples, George Bruce.....        | Louisiana.....              | July 11, 1913      | 18                        | 0       |
| 56  | Staud, Benjamin.....              | Pennsylvania ..             | June 17, 1913      | 17                        | 10      |
| 70  | Steeves, Leland Stanford .....    | Michigan .....              | May 7, 1913        | 19                        | 10      |
| 143                                       | Stone, John Gilbert Marshall..... | Colorado.....               | May 31, 1913       | 19                        | 4       |
| 92  | Stump, Felix Budwell.....         | West Virginia ..            | June 26, 1913      | 18                        | 6       |
| 95  | Tevis, Paul Ulysses.....          | Ohio .....                  | May 20, 1913       | 19                        | 8       |

annual examination, June, 1915—233 members—Continued.

| Sea service<br>in practice<br>ships. |       | Order of merit for the academic year in— |                              |           |  |                |                     |                   |             |                  | Number<br>of demerits<br>academic year. | Order<br>of general merit<br>for<br>academic year. |
|--------------------------------------|-------|--|------------------------------|-----------|--|----------------|---------------------|-------------------|-------------|------------------|---|--|
| Months.                              | Days. | Mechanical process<br>and drawing.       | Elementary engi-<br>neering. | Calculus. | Electrical engineer-<br>ing and physics. | Naval history. | Constitutional law. | Modern languages. | Efficiency. | Practice cruise. |   |  |
| 0                                    | 00    | 187                                      | 173                          | 222       | 221                                      | 68             | 80                  | 49                | 46          | 230½             | 28                                      | <i>d</i> 171                                       |
| 5                                    | 27    | 117                                      | 60                           | 7         | 30                                       | 6              | 12                  | 11                | 3           | 149              | 47                                      | 10   |
| 5                                    | 27    | 36                                       | 21                           | 13        | 18                                       | 29             | 33                  | 63                | 53          | 3                | 67                                      | 16   |
| 3                                    | 10    | 54                                       | 63                           | 92        | 104                                      | 45             | 33                  | 193               | 17          | 227              | 97                                      | <i>f</i> 100                                       |
| 5                                    | 27    | 93                                       | 116                          | 125       | 108                                      | 145            | 162                 | 111               | 40          | 206              | 63                                      | 124  |
| 5                                    | 27    | 124                                      | 134                          | 165       | 148                                      | 176            | 216                 | 152               | 115         | 13               | 37                                      | 161  |
| 6                                    | 2     | 62                                       | 41                           | 91        | 35                                       | 25             | 18                  | 3                 | 7           | 53               | 60                                      | 26   |
| 6                                    | 2     | 17                                       | 77                           | 26        | 17                                       | 59             | 27                  | 106               | 82          | 70               | 34                                      | 27   |
| 6                                    | 2     | 67                                       | 71                           | 64        | 82                                       | 166            | 93                  | 98                | 46          | 115              | 42                                      | 78   |
| 6                                    | 2     | 103                                      | 191                          | 218       | 203                                      | 234            | 199                 | 145               | 216         | 166              | 113                                     | 215  |
| 5                                    | 27    | 237                                      | 212                          | 182       | 126                                      | 48             | 177                 | 227               | 194         | 101              | 39                                      | 190  |
| 6                                    | 2     | 187                                      | 163                          | 188       | 152                                      | 176            | 178                 | 216               | 233         | 232              | 228                                     | 224  |
| 5                                    | 27    | 93                                       | 47                           | 69        | 79                                       | 42             | 20                  | 102               | 194         | 143              | 38                                      | 67   |
| 5                                    | 27    | 112                                      | 189                          | 191       | 196                                      | 123            | 149                 | 111               | 168         | 201              | 207                                     | 205  |
| 6                                    | 2     | 36                                       | 94                           | 47        | 62                                       | 120            | 87                  | 74                | 82          | 166              | 3                                       | 49   |
| 6                                    | 2     | 180                                      | 183                          | 170       | 144                                      | 188            | 139                 | 152               | 143         | 121              | 36                                      | 170  |
| 5                                    | 27    | 23                                       | 18                           | 31        | 13                                       | 59             | 55                  | 22                | 82          | 45               | 17                                      | 13   |
| 6                                    | 2     | 58                                       | 113                          | 54        | 56                                       | 51             | 60                  | 51                | 221         | 115              | 131                                     | 64   |
| 5                                    | 27    | 154                                      | 157                          | 194       | 213                                      | 195            | 217                 | 48                | 46          | 175              | 72                                      | 179  |
| 5                                    | 27    | 70                                       | 47                           | 35        | 29                                       | 31             | 67                  | 151               | 177         | 84               | 45                                      | 35   |
| 5                                    | 27    | 8  | 30                           | 46        | 86                                       | 133            | 44                  | 57                | 40          | 53               | 55                                      | 37   |
| 5                                    | 27    | 99                                       | 81                           | 87        | 110                                      | 48             | 87                  | 66                | 205         | 90               | 53                                      | 87   |
| 5                                    | 27    | 135                                      | 123                          | 123       | 114                                      | 199            | 108                 | 174               | 108         | 153              | 48                                      | 140  |
| 5                                    | 27    | 89                                       | 21                           | 40        | 64                                       | 113            | 108                 | 70                | 82          | 70               | 14                                      | 43   |
| 5                                    | 27    | 131                                      | 143                          | 154       | 151                                      | 192            | 187                 | 141               | 73          | 208              | 69                                      | 168  |
| 5                                    | 27    | 235                                      | 228                          | 149       | 220                                      | 133            | 72                  | 164               | 232         | 241              | 96                                      | <i>g</i> 211                                       |
| 6                                    | 2     | 62                                       | 74                           | 104       | 141                                      | 223            | 172                 | 24                | 34          | 121              | 56                                      | 89   |
| 5                                    | 27    | 175                                      | 202                          | 157       | 140                                      | 18             | 24                  | 141               | 187         | 195              | 68                                      | 154  |
| 5                                    | 27    | 196                                      | 211                          | 197       | 198                                      | 166            | 139                 | 204               | 216         | 216              | 174                                     | 225  |
| 2                                    | 24    | 93                                       | 41                           | 215       | 197                                      | 221            | 180                 | 227               | 132         | 201              | 38                                      | <i>i</i> 196                                       |
| 3                                    | 25    | 131                                      | 67                           | 109       | 48                                       | 68             | 103                 | 24                | 26          | 38½              | 55                                      | 56   |
| 5                                    | 27    | 79                                       | 5                            | 114       | 57                                       | 76             | 87                  | 98                | 62          | 109              | 24                                      | 70   |
| 6                                    | 2     | 168                                      | 123                          | 183       | 176                                      | 199            | 113                 | 21                | 201         | 238              | 74                                      | 143  |
| 6                                    | 2     | 121                                      | 89                           | 101       | 88                                       | 120            | 55                  | 77                | 187         | 215              | 61                                      | 92   |
| 5                                    | 27    | 93                                       | 123                          | 79        | 93                                       | 45             | 67                  | 209               | 108         | 5                | 28                                      | 95   |

*Midshipmen of the second class and relative standing at the*

| Order<br>of general merit<br>for<br>academic year. | Names.                        | State from which<br>appointed. | Date of admission. | Age at<br>date of<br>admission. |         |
|--|-------------------------------|--------------------------------|--------------------|---------------------------------|---------|
|  |                               |                                |                    | Years.                          | Months. |
| 172  | Thoma, Charles Gustave .....  | Illinois .....                 | Apr. 30, 1913      | 20                              | 1       |
| 41   | Tobin, Robert Gibson.....     | Virginia .....                 | May 8, 1913        | 18                              | 9       |
| 184  | Toombs, Henry Johnston .....  | Georgia .....                  | May 8, 1913        | 17                              | 4       |
| 180  | Topp, Emile.....              | New York .....                 | June 10, 1913      | 19                              | 11      |
| 84   | Twomey, John Joseph .....     | Massachusetts..                | June 26, 1913      | 19                              | 11      |
| †68  | Tyler, John Cood.....         | Kentucky.....                  | May 1, 1913        | 17                              | 4       |
| 54   | Vytlačil, Nicholas.....       | Illinois.....                  | June 30, 1913      | 18                              | 7       |
| G117   | Waddell, James Evans.....     | Illinois.....                  | May 5, 1913        | 18                              | 9       |
| 32   | Wainwright, Lawrence.....     | At Large.....                  | May 7, 1913        | 16                              | 7       |
| 44   | Waldschmidt, Theodore Max.... | South Dakota..                 | June 30, 1913      | 18                              | 5       |
| 40   | Wallen, Homer Norman.....     | North Dakota ..                | June 28, 1913      | 19                              | 7       |
| 139  | Walton, John Newton.....      | Pennsylvania ..                | Apr. 24, 1913      | 18                              | 6       |
| 185  | Ward, Clarence Oliver .....   | Nebraska.....                  | May 7, 1913        | 19                              | 4       |
| †189   | Warren, Philip Wilson.....    | Illinois.....                  | June 23, 1913      | 17                              | 6       |
| 66   | Weber, George Karl.....       | Pennsylvania ..                | June 21, 1913      | 19                              | 0       |
| 129  | Weis, Frederick Lewis.....    | Rhode Island ..                | Apr. 29, 1913      | 17                              | 8       |
| 223  | Weitzel, Charles William..... | Colorado.....                  | May 5, 1913        | 18                              | 1       |
| 228  | Wells, Benjamin Osborne.....  | Wisconsin.....                 | May 8, 1913        | 16                              | 6       |
| 31   | Woodruff, Julian Leveric..... | New York .....                 | June 9, 1913       | 19                              | 4       |
| 36   | Wooster, Stanton Hall .....   | Connecticut....                | Apr. 23, 1913      | 18                              | 1       |
| 127  | Worden, Frank Lyman.....      | Montana.....                   | Apr. 28, 1913      | 17                              | 5       |
| 105  | Wyatt, Ben Harrison.....      | Kentucky.....                  | May 19, 1913       | 19                              | 8       |
| 71   | Wyman, Ralph.....             | Wyoming.....                   | May 9, 1913        | 19                              | 2       |
| 29   | Wynne, Sydney Julian.....     | California.....                | June 30, 1913      | 17                              | 11      |

annual examination, June, 1915—233 members—Continued.

| Sea service<br>in practice<br>ships. |       | Order of merit for the academic year in— |                              |           |  |                |                     |                   |             |                  | Number of demerits<br>academic year. | Order of general merit<br>academic year. |
|--------------------------------------|-------|--|------------------------------|-----------|--|----------------|---------------------|-------------------|-------------|------------------|--------------------------------------|--|
| Months.                              | Days. | Mechanical process<br>and drawing.       | Elementary engi-<br>neering. | Calculus. | Electrical engineer-<br>ing and physics. | Naval history. | Constitutional law. | Modern languages. | Efficiency. | Practice cruise. |                                      |  |
| 6                                    | 2     | 168                                      | 147                          | 177       | 165                                      | 109            | 93                  | 107               | 140         | 234              | 95                                   | 172                                      |
| 5                                    | 27    | 110                                      | 55                           | 32        | 47                                       | 151            | 49                  | 157               | 40          | 38               | 21                                   | 41                                       |
| 5                                    | 27    | 156                                      | 147                          | 203       | 169                                      | 180            | 162                 | 147               | 82          | 160              | 57                                   | 184                                      |
| 6                                    | 2     | 214                                      | 199                          | 184       | 129                                      | 181            | 143                 | 115               | 221         | 177              | 99                                   | 180                                      |
| 5                                    | 27    | 140                                      | 30                           | 211       | 73                                       | 36             | 47                  | 37                | 115         | 29               | 7                                    | 84                                       |
| 6                                    | 2     | 124                                      | 163                          | 44        | 65                                       | 113            | 229                 | 29                | 73          | 127              | 86                                   | †68                                      |
| 5                                    | 27    | 3  | 6                            | 98        | 54                                       | 123            | 149                 | 118               | 158         | 4                | 28                                   | 54                                       |
| 3                                    | 17    | 200                                      | 147                          | 227       | 121                                      | 57             | 97                  | 16                | 177         | 127              | 33                                   | G117                                     |
| 5                                    | 27    | 84                                       | 46                           | 19        | 16                                       | 231            | 93                  | 159               | 82          | 94               | 44                                   | 32                                       |
| 5                                    | 27    | 58                                       | 30                           | 106       | 71                                       | 87             | 37                  | 23                | 53          | 29               | 20                                   | 44                                       |
| 6                                    | 2     | 89                                       | 120                          | 61        | 36                                       | 80             | 40                  | 39                | 82          | 115              | 34                                   | 40                                       |
| 5                                    | 5     | 200                                      | 173                          | 134       | 132                                      | 231            | 201                 | 59                | 132         | 172              | 3                                    | 139                                      |
| 6                                    | 2     | 196                                      | 146                          | 219       | 179                                      | 233            | 183                 | 130               | 7           | 21               | 13                                   | 185                                      |
| 6                                    | 2     | 180                                      | 138                          | 178       | 216                                      | 195            | 231                 | 89                | 132         | 94               | 43                                   | †189                                     |
| 5                                    | 27    | 163                                      | 147                          | 39        | 63                                       | 32             | 25                  | 133               | 205         | 189              | 57                                   | 66                                       |
| 6                                    | 2     | 67                                       | 147                          | 168       | 173                                      | 195            | 143                 | 34                | 26          | 149              | 51                                   | 129                                      |
| 5                                    | 27    | 177                                      | 173                          | 190       | 201                                      | 145            | 187                 | 223               | 220         | 121              | 181                                  | 223                                      |
| 6                                    | 2     | 227                                      | 199                          | 223       | 199                                      | 210            | 199                 | 161               | 221         | 201              | 175                                  | 228                                      |
| 5                                    | 27    | 79                                       | 33                           | 61        | 83                                       | 87             | 14                  | 12                | 168         | 94               | 23                                   | 31                                       |
| 5                                    | 27    | 15                                       | 34                           | 25        | 31                                       | 113            | 155                 | 201               | 158         | 25               | 47                                   | 36                                       |
| 5                                    | 27    | 103                                      | 113                          | 96        | 97                                       | 210            | 183                 | 191               | 216         | 109½             | 70                                   | 127                                      |
| 5                                    | 27    | 204                                      | 138                          | 83        | 89                                       | 109            | 83                  | 162               | 177         | 18               | 44                                   | 105                                      |
| 5                                    | 27    | 27                                       | 34                           | 105       | 72                                       | 25             | 53                  | 110               | 10          | 23               | 61                                   | 71                                       |
| 5                                    | 27    | 93                                       | 63                           | 68        | 37                                       | 51             | 15                  | 2                 | 62          | 42½              | 109                                  | 29                                       |

*Midshipmen of the third class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                               | State from which<br>appointed. | Date of admission. |
|--|--------------------------------------|--------------------------------|--------------------|
| I 8  | Adams, Arthur Stanton.....           | Vermont.....                   | June 11, 1914      |
| 235  | Alexander, Ralph Clonts.....         | Ohio.....                      | June 20, 1914      |
| 46   | Alvis, John D.....                   | Texas.....                     | June 23, 1914      |
| 106  | Anderson, Hubert Haven.....          | Missouri.....                  | June 18, 1914      |
| 72   | Anderson, Joseph Porter.....         | Tennessee.....                 | July 1, 1914       |
| 4e   | Apgar, Theodore Besson.....          | New Hampshire..                | July 28, 1914      |
| 176  | Armstrong, Roger Franklin.....       | Tennessee.....                 | June 12, 1914      |
| br253  | Baggett, Henry Dent.....             | Mississippi.....               | June 17, 1914      |
| 96   | Bailey, Vaughn.....                  | Illinois.....                  | July 6, 1914       |
| 107  | Bailey, Watson Osgood.....           | Massachusetts....              | June 16, 1914      |
| h 229  | Bailliere, Thomas Henry Gaither..... | Arkansas.....                  | July 6, 1914       |
| 202  | Baldwin, William Owen.....           | Alabama.....                   | July 6, 1914       |
| 52   | Ballentine, John Jennings.....       | Ohio.....                      | June 20, 1914      |
| 43   | Bannerman, Graeme.....               | Wisconsin.....                 | Oct. 1, 1914       |
| 100  | Barringer, Victor Cameron, jr.....   | Louisiana.....                 | June 11, 1914      |
| 55   | Bell, Edward Everett.....            | New York.....                  | June 19, 1914      |
| iu32   | Bennehoff, Olton Rader.....          | Ohio.....                      | June 24, 1914      |
| 45   | Biesemeier, Harold.....              | California.....                | June 13, 1914      |
| 50   | Bledsoe, Albert McQueen.....         | Texas.....                     | June 11, 1914      |
| f 207  | Bolling, Alexander Russell.....      | At large.....                  | June 15, 1914      |
| 154  | Brady, Joseph Hastings.....          | Pennsylvania.....              | July 6, 1914       |
| 38   | Breed, George Gordon.....            | Illinois.....                  | June 17, 1914      |
| br 225                                       | Brown, Gilbert William.....          | Illinois.....                  | June 12, 1914      |
| f 228  | Brown, James Winthrop.....           | Maryland.....                  | June 11, 1914      |
| 29   | Browne, Everett Bennett.....         | New Jersey.....                | June 19, 1914      |
| 48   | Browning, Miles Rutherford.....      | New Jersey.....                | June 20, 1914      |
| 101  | Brush, Oliver Grant.....             | Texas.....                     | June 10, 1914      |
| 230  | Bullene, Egbert Frank.....           | California.....                | June 13, 1914      |
| Amr  | Burke, Thomas Glascock.....          | Virginia.....                  | June 15, 1914      |
| 155  | Busbey, Leroy White.....             | Illinois.....                  | June 30, 1914      |
| 68   | Busk, William.....                   | Nebraska.....                  | Sept. 21, 1914     |
| 166  | Byers, Fred Merritt.....             | Pennsylvania.....              | June 23, 1914      |
| 14   | Byington, Moses Brownlow, jr.....    | Tennessee.....                 | June 23, 1914      |
| brx245                                       | Carroll, Eugene.....                 | Illinois.....                  | June 16, 1914      |
| 54   | Clifford, Lloyd Erwin.....           | Illinois.....                  | June 11, 1914      |
| 179  | Cobb, Smith Dykins Atkins.....       | Illinois.....                  | June 17, 1914      |
| *5   | Colton, Ernest Bradford.....         | Texas.....                     | June 24, 1914      |

annual examination, June, 1915—255 members.

| Age at date of admission. |         | Sea service in practice ships. |       | Order of merit for the academic year in— |                       |               |          |                   | Number of demerits for academic year. | Order of general merit for academic year. |
|---------------------------|---------|--------------------------------|-------|--|-----------------------|---------------|----------|-------------------|---------------------------------------|---|
| Years.                    | Months. | Months.                        | Days. | Mechanical drawing.                      | Geometry and algebra. | Trigonometry. | English. | Modern languages. |                                       |   |
| 17                        | 11      | 3                              | 3     | 29                                       | 51                    | 26            | 17       | 3                 | 47                                    | 18  |
| 16                        | 9       | 3                              | 3     | 194                                      | 246                   | 227           | 212      | 245               | 15                                    | 235                                       |
| 19                        | 6       | 3                              | 3     | 18                                       | 21                    | 13            | 235      | 166               | 17                                    | 46  |
| 18                        | 11      | 5                              | 5     | 117                                      | 52                    | 78            | 124      | 161               | 38                                    | 106                                       |
| 18                        | 8       | 3                              | 3     | 80                                       | 69                    | 49            | 144      | 61                | 43                                    | 72  |
| 20                        | 0       | 3                              | 3     | 218                                      | 216                   | .....         | 167      | 194               | 48                                    | Ae  |
| 19                        | 9       | 3                              | 3     | 108                                      | 156                   | 103           | 192      | 245               | 70                                    | 176                                       |
| 16                        | 11      | 2                              | 8     | 219                                      | 232                   | 250           | 252      | 250               | 90                                    | br253                                     |
| 19                        | 0       | 3                              | 3     | 76                                       | 90                    | 180           | 111      | 41                | 124                                   | 96  |
| 16                        | 8       | 3                              | 3     | 131                                      | 94                    | 143           | 140      | 53                | 12                                    | 107                                       |
| 17                        | 1       | 3                              | 3     | 254                                      | 264                   | 236           | 206      | 71                | 37                                    | h¶229                                     |
| 19                        | 2       | 1                              | 1     | 215                                      | 221                   | 223           | 100      | 148               | 98                                    | 202                                       |
| 17                        | 9       | 3                              | 3     | 97                                       | 15                    | 18            | 134      | 150               | 4                                     | 52  |
| 19                        | 5       | 3                              | 3     | 146                                      | 41                    | 21            | 28       | 104               | 26                                    | 43  |
| 17                        | 3       | 3                              | 3     | 95                                       | 144                   | 110           | 80       | 100               | 11                                    | 100                                       |
| 18                        | 11      | 3                              | 3     | 183                                      | 55                    | 87            | 43       | 26                | 41                                    | 55  |
| 18                        | 4       | 0                              | 20    | 90                                       | 52                    | 53            | 9        | 44                | 20                                    | iu32                                      |
| 19                        | 11      | 3                              | 3     | 101                                      | 105                   | 125           | 42       | 11                | 35                                    | 45  |
| 17                        | 9       | 3                              | 3     | 117                                      | 23                    | 47            | 94       | 60                | 24                                    | 50  |
| 18                        | 10      | 1                              | 27    | 194                                      | 212                   | 215           | 215      | 96                | 96                                    | f207                                      |
| 19                        | 11      | 3                              | 3     | 136                                      | 154                   | 236           | 63       | 164               | 29                                    | 154                                       |
| 17                        | 6       | 3                              | 3     | 134                                      | 55                    | 36            | 15       | 31                | 106                                   | 38  |
| 17                        | 9       | 0                              | 12    | 211                                      | 186                   | 247           | 135      | 161               | 160                                   | br225                                     |
| 17                        | 8       | 3                              | 3     | 167                                      | 156                   | 210           | 227      | 235               | 217                                   | f228                                      |
| 17                        | 10      | 3                              | 3     | 13                                       | 34                    | 59            | 55       | 49                | 12                                    | 29  |
| 17                        | 2       | 3                              | 3     | 39                                       | 90                    | 69            | 35       | 45                | 206                                   | 48  |
| 20                        | 1       | 3                              | 3     | 82                                       | 94                    | 143           | 154      | 52                | 54                                    | 101                                       |
| 19                        | 5       | 3                              | 3     | 239                                      | 221                   | 236           | 205      | 153               | 62                                    | 230                                       |
| 20                        | 3       | 0                              | 00    | .....                                    | 168                   | .....         | .....    | .....             | 28                                    | Amr                                       |
| 17                        | 4       | 3                              | 3     | 136                                      | 141                   | 148           | 107      | 218               | 27                                    | 155                                       |
| 19                        | 3       | 3                              | 3     | 104                                      | 111                   | 96            | 59       | 36                | 62                                    | 68  |
| 19                        | 2       | 3                              | 3     | 185                                      | 168                   | 125           | 184      | 98                | 27                                    | 166                                       |
| 17                        | 5       | 3                              | 3     | 68                                       | 3                     | 2             | 133      | 28                | 33                                    | 14  |
| 18                        | 4       | 0                              | 00    | 179                                      | 212                   | 252           | 225      | 226               | 22                                    | brx245                                    |
| 20                        | 3       | 3                              | 3     | 23                                       | 137                   | 54            | 53       | 134               | 47                                    | 54  |
| 17                        | 5       | 3                              | 3     | 122                                      | 216                   | 169           | 128      | 219               | 21                                    | 179                                       |
| 19                        | 10      | 3                              | 3     | 61                                       | 10                    | 3             | 6        | 12                | 22                                    | *5  |

*Midshipmen of the third class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                                | State from which<br>appointed. | Date of admission. |
|--|---------------------------------------|--------------------------------|--------------------|
| 144  | Connally, James Monroe.....           | Missouri.....                  | July 2, 1914       |
| 118  | Connell, Francis Ballentyne.....      | Pennsylvania.....              | July 3, 1914       |
| 181  | Conroy, Edward Eugene.....            | Utah.....                      | June 11, 1914      |
| f157   | Cook, Dwight Chandler.....            | Ohio.....                      | June 20, 1914      |
| 22   | Corbett, Horace Sumner.....           | Massachusetts.....             | Sept. 22, 1914     |
| 143  | Cotten, Junius Lee.....               | Mississippi.....               | July 22, 1914      |
| 157  | Crane, Walter Sauger, jr.....         | Massachusetts.....             | June 17, 1914      |
| 13   | Crecca, John Daniel.....              | New Jersey.....                | June 22, 1914      |
| 241  | Crutcher, Chauncey Ralf.....          | West Virginia....              | July 27, 1914      |
| 15   | Cuddihy, George Thomas.....           | Michigan.....                  | June 18, 1914      |
| 90   | Cummins, David Ervin.....             | Arkansas.....                  | June 11, 1914      |
| 219  | Curtis, Donald.....                   | New Jersey.....                | June 19, 1914      |
| 136  | Custer, Garry De Mott.....            | Indiana.....                   | June 17, 1914      |
| 149  | Davis, Thomas Hart.....               | South Carolina...              | June 23, 1914      |
| 168  | Deans, Malcolm Arnold.....            | Pennsylvania.....              | June 27, 1914      |
| 84   | Denny, Clifton Enyart.....            | Missouri.....                  | June 18, 1914      |
| 236  | Denny, Thomas Reynolds.....           | Montana.....                   | June 12, 1914      |
| 108  | Derx, Martin Richard.....             | New York.....                  | June 20, 1914      |
| 1194   | Dillon, Wallace Myron.....            | Alabama.....                   | June 12, 1914      |
| igs150                                       | Dingwell, Paul Douglass.....          | Rhode Island.....              | July 18, 1914      |
| 148  | Dobyns, Thomas Abner, jr.....         | West Virginia....              | June 24, 1914      |
| 24   | Dodge, Frank Riley.....               | Michigan.....                  | Aug. 28, 1914      |
| 31   | Domer, Wilson Davis Inch.....         | Washington.....                | June 19, 1914      |
| 210  | Dougherty, Stephen Colladay.....      | Ohio.....                      | June 20, 1914      |
| 17   | Douthit, Frederick Lloyd.....         | South Dakota....               | June 18, 1914      |
| 162  | Duncan, Jack Harlan.....              | Missouri.....                  | June 12, 1914      |
| 130  | Eberhart, Harold George.....          | Wisconsin.....                 | Sept. 3, 1914      |
| 89   | Eekhout, Bernard Vanderbilt.....      | New York.....                  | June 19, 1914      |
| 135  | Emrich, Philip Latimer.....           | At large.....                  | June 11, 1914      |
| 55   | Erskine, William Ewart Gladstone..... | Missouri.....                  | June 26, 1914      |
| 120  | Etheredge, George Otis.....           | South Carolina...              | June 12, 1914      |
| 98   | Farrell, John Gerald.....             | Michigan.....                  | June 30, 1914      |
| 240  | Fechteler, Frank.....                 | California.....                | June 10, 1914      |
| 239  | Ferguson, Robert Raymond.....         | Louisiana.....                 | June 18, 1914      |
| 9  | Fife, James, jr.....                  | Nevada.....                    | June 22, 1914      |
| 163  | Fischler, Peter Kalsch, jr.....       | Pennsylvania.....              | Sept. 5, 1914      |
| 86   | Fisher, James Leslie.....             | Pennsylvania.....              | June 23, 1914      |

annual examination, June, 1915—255 members—Continued.

| Age at date of admission. |         | Sea service in practice ships. |       | Order of merit for the academic year in— |                       |               |          |                   | Number of demerits for academic year. | Order of general merit for academic year. |
|---------------------------|---------|--------------------------------|-------|--|-----------------------|---------------|----------|-------------------|---------------------------------------|---|
| Years.                    | Months. | Months.                        | Days. | Mechanical drawing.                      | Geometry and algebra. | Trigonometry. | English. | Modern languages. |                                       |   |
| 18                        | 3       | 3                              | 3     | 49                                       | 111                   | 157           | 120      | 231               | 92                                    | 144                                       |
| 19                        | 1       | 3                              | 3     | 86                                       | 168                   | 188           | 50       | 129               | 79                                    | 118                                       |
| 18                        | 8       | 3                              | 3     | 89                                       | 127                   | 197           | 219      | 226               | 14                                    | 181                                       |
| 19                        | 0       | 1                              | 00    | 199                                      | 94                    | 169           | 148      | 123               | 43                                    | <i>f</i> 157                              |
| 18                        | 5       | 3                              | 3     | 66                                       | 41                    | 38            | 31       | 19                | 26                                    | 22  |
| 18                        | 11      | 3                              | 3     | 50                                       | 190                   | 137           | 185      | 133               | 18                                    | 143                                       |
| 18                        | 3       | 3                              | 3     | 45                                       | 168                   | 206           | 156      | 171               | 91                                    | 157                                       |
| 18                        | 4       | 3                              | 3     | 32                                       | 38                    | 25            | 38       | 14                | 49                                    | 13  |
| 20                        | 4       | 3                              | 3     | 234                                      | 271                   | 189           | 219      | 186               | 55                                    | 241                                       |
| 18                        | 4       | 3                              | 3     | 40                                       | 25                    | 16            | 27       | 33                | 21                                    | 15  |
| 19                        | 5       | 3                              | 3     | 120                                      | 119                   | 27            | 110      | 181               | 10                                    | 90  |
| 18                        | 2       | 3                              | 3     | 179                                      | 221                   | 192           | 240      | 192               | 1                                     | 219                                       |
| 18                        | 11      | 3                              | 3     | 129                                      | 149                   | 125           | 131      | 107               | 21                                    | 136                                       |
| 18                        | 2       | 3                              | 3     | 142                                      | 86                    | 59            | 206      | 208               | 88                                    | 149                                       |
| 17                        | 5       | 3                              | 3     | 238                                      | 119                   | 106           | 123      | 185               | 22                                    | 168                                       |
| 18                        | 10      | 3                              | 3     | 152                                      | 52                    | 78            | 71       | 91                | 65                                    | 84  |
| 19                        | 11      | 0                              | 23    | 249                                      | 202                   | 210           | 161      | 245               | 62                                    | 236                                       |
| 18                        | 7       | 3                              | 3     | 103                                      | 161                   | 96            | 83       | 109               | 67                                    | 108                                       |
| 18                        | 11      | 3                              | 3     | 249                                      | 216                   | 234           | 61       | 119               | 45                                    | <i>ik</i> 194                             |
| 18                        | 4       | 0                              | 00    | 237                                      | 228                   | 157           | 63       | 39                | 125                                   | <i>igs</i> 150                            |
| 18                        | 8       | 3                              | 3     | 211                                      | 127                   | 157           | 128      | 72                | 17                                    | 148                                       |
| 18                        | 11      | 3                              | 3     | 24                                       | 32                    | 72            | 13       | 45                | 21                                    | 24  |
| 19                        | 8       | 3                              | 3     | 33                                       | 43                    | 38            | 18       | 107               | 26                                    | 31  |
| 17                        | 8       | 3                              | 3     | 226                                      | 249                   | 133           | 170      | 194               | 24                                    | 210                                       |
| 18                        | 9       | 3                              | 3     | 29                                       | 14                    | 17            | 43       | 43                | 48                                    | 17  |
| 19                        | 9       | 3                              | 3     | 171                                      | 129                   | 117           | 174      | 121               | 96                                    | 162                                       |
| 20                        | 0       | 3                              | 3     | 168                                      | 215                   | 112           | 43       | 134               | 32                                    | 130                                       |
| 18                        | 6       | 3                              | 3     | 75                                       | 202                   | 184           | 36       | 36                | 97                                    | 89  |
| 20                        | 2       | 3                              | 3     | 54                                       | 168                   | 113           | 136      | 169               | 50                                    | 135                                       |
| 17                        | 11      | 3                              | 3     | 239                                      | 168                   | 83            | 24       | 4                 | 87                                    | 55  |
| 18                        | 6       | 3                              | 3     | 179                                      | 132                   | 189           | 54       | 94                | 27                                    | 120                                       |
| 19                        | 10      | 3                              | 3     | 33                                       | 186                   | 57            | 196      | 115               | 37                                    | 98  |
| 16                        | 11      | 3                              | 3     | 211                                      | 216                   | 219           | 239      | 219               | 78                                    | 240                                       |
| 18                        | 5       | 3                              | 3     | 249                                      | 232                   | 215           | 181      | 198               | 138                                   | 239                                       |
| 17                        | 5       | 3                              | 3     | 22                                       | 2                     | 9             | 74       | 38                | 15                                    | 9   |
| 19                        | 0       | 3                              | 3     | 183                                      | 145                   | 162           | 104      | 169               | 29                                    | 163                                       |
| 19                        | 7       | 3                              | 3     | 164                                      | 67                    | 137           | 32       | 79                | 11                                    | 86  |

*Midshipmen of the third class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                              | State from which<br>appointed. | Date of admission. |
|--|-------------------------------------|--------------------------------|--------------------|
| <i>br</i> 250                                | Fitzpatrick, Thomas Benjamin.....   | New York.....                  | June 18, 1914      |
| 93   | Flynn, Alphonsus Ignatius.....      | New York.....                  | June 22, 1914      |
| 85   | Foote, Ernest Adams.....            | New Hampshire..                | June 20, 1914      |
| *6   | <b>Fowler, Joseph William</b> ..... | Maine.....                     | June 17, 1914      |
| 77   | France, Albert Finley, jr.....      | New York.....                  | June 20, 1914      |
| 187  | Frere, Bryan.....                   | Louisiana.....                 | June 20, 1914      |
| 87   | Gallemore, Roy Trent.....           | Florida.....                   | June 13, 1914      |
| <i>Hu</i> 125                                | Gamble, Howard Grattan.....         | Florida.....                   | June 27, 1914      |
| 112  | Gambrill, Staley Helfenstein.....   | Colorado.....                  | July 11, 1914      |
| 120  | Garrett, William Sturleng.....      | Oregon.....                    | June 25, 1914      |
| 199  | Geiselman, Ellis Hugh.....          | Pennsylvania.....              | June 23, 1914      |
| 217  | George, William Perry.....          | Alabama.....                   | June 13, 1914      |
| 232  | Gibb, Edwin Dowling.....            | Massachusetts...               | June 17, 1914      |
| 117  | Gibson, Francis Stephenson.....     | West Virginia....              | June 24, 1914      |
| 53   | Green, Donald Alexander.....        | Wisconsin.....                 | June 10, 1914      |
| 57   | Grey, James Edward.....             | Minnesota.....                 | June 16, 1914      |
| 51   | Grimm, Owen Edison.....             | Pennsylvania.....              | June 23, 1914      |
| <i>br</i> 244                                | Haberkorn, John Aloysius, jr.....   | Illinois.....                  | June 16, 1914      |
| 18   | Habrylewicz, Louis Le Roy.....      | Illinois.....                  | Oct. 12, 1914      |
| 169  | Haffey, Thomas James.....           | Michigan.....                  | June 19, 1914      |
| 59   | Haight, Stanley Martyn.....         | Oregon.....                    | June 23, 1914      |
| 75   | Haines, John Meade.....             | California.....                | July 1, 1914       |
| 69   | Halland, Herman Ewald.....          | North Dakota....               | June 12, 1914      |
| 99   | Halstead, Franklin De Ford.....     | Ohio.....                      | July 1, 1914       |
| 197  | Harrison, Peyton.....               | Missouri.....                  | June 19, 1914      |
| 104  | Hartt, William Handy, jr.....       | Ohio.....                      | June 24, 1914      |
| 19   | Hawkins, George Charles.....        | Missouri.....                  | June 18, 1914      |
| 192  | Haynes, Andrew Pace.....            | Alabama.....                   | June 13, 1914      |
| 191  | Hellmers, Walter.....               | New York.....                  | June 25, 1914      |
| 205  | Henifin, Lisle.....                 | Minnesota.....                 | June 22, 1914      |
| 133  | Henkle, Ralph Harold.....           | Indiana.....                   | June 26, 1914      |
| 155  | Herbst, Henry Robert.....           | Wisconsin.....                 | July 6, 1914       |
| <i>f</i> 138                                 | Hill, Edward Hugh.....              | Idaho.....                     | June 13, 1914      |
| 223  | Hillhouse, Frank Broadus.....       | Georgia.....                   | June 11, 1914      |
| 64   | Hoffman, Harry Draper.....          | Delaware.....                  | July 9, 1914       |
| 35   | Holmes, Frederick Stacer.....       | Georgia.....                   | June 13, 1914      |
| 11   | Holtmann, Oscar Henry.....          | Missouri.....                  | June 18, 1914      |

annual examination, June, 1915—255 members—Continued.

| Age at date of admission. |         | Sea service in practice ships. |       | Order of merit for the academic year in— |                       |               |          |                   | Number of demerits for academic year. | Order of general merit for academic year. |
|---------------------------|---------|--------------------------------|-------|--|-----------------------|---------------|----------|-------------------|---------------------------------------|---|
| Years.                    | Months. | Months.                        | Days. | Mechanical drawing.                      | Geometry and algebra. | Trigonometry. | English. | Modern languages. |                                       |   |
| 17                        | 7       | 2                              | 2     | 203                                      | 241                   | 204           | 249      | 254               | 77                                    | <i>br</i> 250                             |
| 19                        | 9       | 3                              | 3     | 126                                      | 182                   | 78            | 91       | 50                | 27                                    | 93  |
| 19                        | 9       | 3                              | 3     | 79                                       | 179                   | 94            | 136      | 31                | 36                                    | 85  |
| 19                        | 11      | 3                              | 3     | 10                                       | 18                    | 10            | 10       | 17                | 8                                     | *6  |
| 19                        | 5       | 3                              | 3     | 54                                       | 86                    | 113           | 34       | 115               | 48                                    | 77  |
| 17                        | 10      | 3                              | 3     | 54                                       | 90                    | 153           | 247      | 231               | 149                                   | 187                                       |
| 18                        | 9       | 3                              | 3     | 62                                       | 103                   | 90            | 95       | 132               | 4                                     | 87  |
| 19                        | 10      | 0                              | 00    | 207                                      | 45                    | 192           | 118      | 50                | 72                                    | <i>Hil</i> 125                            |
| 18                        | 11      | 3                              | 3     | 101                                      | 73                    | 94            | 148      | 171               | 36                                    | 112                                       |
| 17                        | 9       | 3                              | 3     | 97                                       | 63                    | 57            | 224      | 182               | 45                                    | 120                                       |
| 18                        | 8       | 3                              | 3     | 176                                      | 166                   | 125           | 237      | 198               | 9                                     | 199                                       |
| 18                        | 7       | 3                              | 3     | 205                                      | 267                   | 227           | 158      | 112               | 51                                    | 217                                       |
| 19                        | 10      | 3                              | 3     | 146                                      | 216                   | 227           | 248      | 182               | 84                                    | 232                                       |
| 19                        | 5       | 3                              | 3     | 70                                       | 86                    | 72            | 194      | 223               | 17                                    | 117                                       |
| 18                        | 5       | 3                              | 3     | 72                                       | 58                    | 106           | 66       | 35                | 45                                    | 53  |
| 19                        | 1       | 3                              | 3     | 51                                       | 119                   | 117           | 51       | 23                | 156                                   | 57  |
| 18                        | 7       | 3                              | 3     | 40                                       | 26                    | 33            | 152      | 134               | 9                                     | 51  |
| 18                        | 5       | 0                              | 00    | 243                                      | 249                   | 248           | 120      | 237               | 38                                    | <i>br</i> 244                             |
| 19                        | 4       | 3                              | 3     | 4  | 5                     | 4             | 188      | 73                | 77                                    | 18  |
| 19                        | 0       | 3                              | 3     | 230                                      | 132                   | 200           | 62       | 148               | 77                                    | 169                                       |
| 18                        | 8       | 3                              | 3     | 13                                       | 15                    | 44            | 147      | 209               | 124                                   | 59  |
| 19                        | 8       | 5                              | 5     | 38                                       | 73                    | 75            | 89       | 120               | 75                                    | 75  |
| 19                        | 6       | 1                              | 28    | 95                                       | 55                    | 52            | 33       | 143               | 120                                   | 69  |
| 18                        | 10      | 3                              | 3     | 207                                      | 63                    | 54            | 209      | 28                | 104                                   | 99  |
| 18                        | 4       | 3                              | 3     | 215                                      | 143                   | 169           | 197      | 166               | 63                                    | 197                                       |
| 18                        | 8       | 3                              | 3     | 43                                       | 60                    | 59            | 214      | 228               | 4                                     | 104                                       |
| 17                        | 7       | 3                              | 3     | 115                                      | 45                    | 65            | 8        | 6                 | 34                                    | 19  |
| 19                        | 2       | 3                              | 3     | 92                                       | 149                   | 169           | 243      | 216               | 27                                    | 192                                       |
| 20                        | 0       | 3                              | 3     | 87                                       | 240                   | 236           | 109      | 212               | 52                                    | 191                                       |
| 18                        | 4       | 3                              | 3     | 157                                      | 197                   | 206           | 138      | 231               | 95                                    | 205                                       |
| 18                        | 7       | 3                              | 3     | 111                                      | 168                   | 122           | 81       | 154               | 48                                    | 133                                       |
| 18                        | 4       | 3                              | 3     | 92                                       | 193                   | 157           | 174      | 134               | 29                                    | 155                                       |
| 19                        | 0       | 1                              | 00    | 62                                       | 206                   | 125           | 117      | 143               | 45                                    | <i>f</i> 138                              |
| 20                        | 2       | 3                              | 3     | 205                                      | 232                   | 162           | 238      | 205               | 17                                    | 223                                       |
| 18                        | 2       | 3                              | 3     | 44                                       | 116                   | 88            | 60       | 61                | 91                                    | 64  |
| 18                        | 0       | 3                              | 3     | 124                                      | 34                    | 42            | 21       | 27                | 63                                    | 35  |
| 18                        | 2       | 2                              | 8     | 11                                       | 18                    | 4             | 30       | 73                | 26                                    | 11  |

*Midshipmen of the third class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                           | State from which<br>appointed. | Date of admission. |
|--|----------------------------------|--------------------------------|--------------------|
| 12   | Hoppe, Thaddeus Anthony.....     | Illinois.....                  | June 16, 1914      |
| 182  | Hungate, Harold Haskett.....     | Indiana.....                   | Sept. 19, 1914     |
| 160  | Huntoon, Jay Glenn.....          | Illinois.....                  | June 11, 1914      |
| 126  | Hurt, Samuel Hansford.....       | Virginia.....                  | June 23, 1914      |
| 25   | Hutchins, Henry Arthur, jr.....  | Virginia.....                  | June 24, 1914      |
| 30   | Inglis, Thomas Browning.....     | Michigan.....                  | June 19, 1914      |
| 189  | Iverson, Elmer Victor.....       | Minnesota.....                 | June 11, 1914      |
| <i>1st</i> 201                               | Ives, Joseph Semmes.....         | Kentucky.....                  | Aug. 14, 1914      |
| 37   | Jacobs, James Daniel.....        | Pennsylvania....               | June 23, 1914      |
| 123  | Jacobs, Morris Abe.....          | Mississippi.....               | June 18, 1914      |
| 115  | Jacobson, Jacob Harry.....       | Michigan.....                  | Sept. 1, 1914      |
| 203  | Jayne, John Kennon.....          | Mississippi.....               | June 25, 1914      |
| 23   | Johnson, Einar Reynold.....      | Illinois.....                  | June 16, 1914      |
| 74   | Johnson, George William.....     | Massachusetts....              | June 17, 1914      |
| <i>il</i> 88                                 | Johnson, Robert Louis.....       | Alabama.....                   | June 12, 1914      |
| 63   | Jupp, Stanley Dexter.....        | Illinois.....                  | June 13, 1914      |
| 198  | Kalbfus, George Randall.....     | Michigan.....                  | June 18, 1914      |
| 173  | Kane, John Dandridge Henley..... | At large.....                  | July 30, 1914      |
| 145  | Kelly, Francis Joseph, jr.....   | New York.....                  | June 19, 1914      |
| 113  | Kendall, Henry Samuel.....       | Maryland.....                  | June 17, 1914      |
| 172  | Kennedy, Bernard Reilly.....     | Connecticut.....               | June 13, 1914      |
| 195  | Kidd, Alexander Campbell.....    | Ohio.....                      | Sept. 23, 1914     |
| 184  | Kidder, Edmund James.....        | Maine.....                     | June 23, 1914      |
| <i>Hil</i> 209                               | Killian, William McKinley.....   | Nebraska.....                  | July 1, 1914       |
| 246  | Kimmell, Harry Lisenard.....     | Pennsylvania....               | July 25, 1914      |
| 170  | Kincaid, Earle Hill.....         | Virginia.....                  | June 26, 1914      |
| 183  | Krueger, Ernest Homer.....       | Texas.....                     | June 10, 1914      |
| <i>br</i> 237                                | Lamb, Carl Jacob.....            | Ohio.....                      | June 27, 1914      |
| 110  | Lanier, Berwick Bruce.....       | At large.....                  | June 11, 1914      |
| 26   | Lawyer, James Van Buren.....     | New York.....                  | June 29, 1914      |
| 248  | Leemeyer, Harry Charles, jr..... | Colorado.....                  | June 13, 1914      |
| 167  | Leffler, Charles Doyle, jr.....  | Florida.....                   | June 30, 1914      |
| 242  | Lester, German Wallace.....      | Mississippi.....               | June 10, 1914      |
| 130  | Leventen, Harry Kandell.....     | New York.....                  | June 19, 1914      |
| 215  | Lewis, Mays Livingston.....      | Louisiana.....                 | June 11, 1914      |
| 81   | Lockhart, Wilber Molter.....     | Pennsylvania.....              | June 23, 1914      |
| 47   | Loomis, Donald Wood.....         | Michigan.....                  | June 11, 1914      |

annual examination, June, 1915—255 members—Continued.

| Age at date of admission. |         | Sea service in practice ships. |       | Order of merit for the academic year in— |                       |               |          |                   | Number of demerits for academic year. | Order of general merit for academic year. |
|---------------------------|---------|--------------------------------|-------|--|-----------------------|---------------|----------|-------------------|---------------------------------------|---|
| Years.                    | Months. | Months.                        | Days. | Mechanical drawing.                      | Geometry and algebra. | Trigonometry. | English. | Modern languages. |                                       |   |
| 18                        | 5       | 3                              | 3     | 28                                       | 12                    | 20            | 36       | 25                | 70                                    | 12  |
| 19                        | 1       | 3                              | 3     | 59                                       | 190                   | 162           | 216      | 228               | 63                                    | 182                                       |
| 18                        | 4       | 3                              | 3     | 117                                      | 179                   | 137           | 120      | 202               | 31                                    | 160                                       |
| 18                        | 5       | 3                              | 3     | 36                                       | 109                   | 54            | 235      | 241               | 87                                    | 126                                       |
| 17                        | 9       | 3                              | 3     | 122                                      | 38                    | 21            | 43       | 17                | 30                                    | 25  |
| 16                        | 7       | 3                              | 3     | 84                                       | 5                     | 30            | 49       | 58                | 60                                    | 30  |
| 20                        | 0       | 3                              | 3     | 120                                      | 132                   | 222           | 200      | 188               | 66                                    | 189                                       |
| 17                        | 11      | 0                              | 00    | 223                                      | 109                   | 219           | 182      | 158               | 84                                    | <i>ist</i> 201                            |
| 17                        | 9       | 3                              | 3     | 104                                      | 21                    | 44            | 22       | 55                | 10                                    | 37  |
| 19                        | 7       | 3                              | 3     | 223                                      | 79                    | 72            | 164      | 96                | 20                                    | 123                                       |
| 19                        | 9       | 3                              | 3     | 16                                       | 129                   | 175           | 176      | 207               | 44                                    | 115                                       |
| 16                        | 9       | 3                              | 3     | 152                                      | 125                   | 189           | 242      | 192               | 90                                    | 203                                       |
| 18                        | 10      | 3                              | 3     | 5  | 26                    | 47            | 93       | 42                | 18                                    | 23  |
| 18                        | 6       | 3                              | 3     | 198                                      | 143                   | 106           | 69       | 6                 | 109                                   | 74  |
| 17                        | 9       | 1                              | 1     | 70                                       | 69                    | 184           | 88       | 68                | 16                                    | <i>il</i> 88                              |
| 19                        | 10      | 3                              | 3     | 113                                      | 73                    | 49            | 91       | 48                | 31                                    | 63  |
| 17                        | 10      | 3                              | 3     | 225                                      | 206                   | 197           | 103      | 158               | 88                                    | 198                                       |
| 18                        | 1       | 3                              | 3     | 40                                       | 168                   | 125           | 245      | 223               | 21                                    | 173                                       |
| 18                        | 1       | 3                              | 3     | 219                                      | 111                   | 106           | 99       | 85                | 158                                   | 145                                       |
| 18                        | 2       | 3                              | 3     | 64                                       | 147                   | 180           | 58       | 203               | 9                                     | 113                                       |
| 18                        | 7       | 1                              | 00    | 235                                      | 236                   | 210           | 38       | 109               | 28                                    | 172                                       |
| 18                        | 9       | 3                              | 3     | 176                                      | 168                   | 204           | 209      | 126               | 57                                    | 195                                       |
| 19                        | 0       | 3                              | 3     | 204                                      | 221                   | 206           | 124      | 82                | 71                                    | 184                                       |
| 17                        | 10      | 0                              | 00    | 199                                      | 156                   | 175           | 208      | 216               | 55                                    | <i>Hil</i> 209                            |
| 18                        | 9       | 3                              | 3     | 244                                      | 186                   | 192           | 251      | 243               | 83                                    | 246                                       |
| 19                        | 10      | 3                              | 3     | 111                                      | 202                   | 210           | 89       | 194               | 36                                    | 170                                       |
| 17                        | 1       | 3                              | 3     | 97                                       | 149                   | 186           | 241      | 157               | 44                                    | 183                                       |
| 19                        | 0       | 2                              | 6     | 171                                      | 246                   | 249           | 153      | 223               | 72                                    | <i>br</i> 237                             |
| 17                        | 3       | 3                              | 3     | 173                                      | 94                    | 199           | 43       | 91                | 21                                    | 110                                       |
| 16                        | 9       | 1                              | 1     | 136                                      | 111                   | 100           | 3        | 8                 | 64                                    | 26  |
| 19                        | 6       | 3                              | 3     | 235                                      | 236                   | 225           | 244      | 241               | 86                                    | 248                                       |
| 17                        | 1       | 3                              | 3     | 159                                      | 73                    | 175           | 171      | 205               | 20                                    | 167                                       |
| 19                        | 2       | 3                              | 3     | 247                                      | 249                   | 215           | 180      | 245               | 21                                    | 242                                       |
| 18                        | 4       | 3                              | 3     | 242                                      | 212                   | 143           | 112      | 14                | 113                                   | 130                                       |
| 20                        | 1       | 3                              | 3     | 209                                      | 182                   | 219           | 216      | 171               | 20                                    | 215                                       |
| 18                        | 10      | 3                              | 3     | 64                                       | 116                   | 42            | 105      | 154               | 16                                    | 81  |
| 19                        | 6       | 0                              | 27    | 219                                      | 26                    | 69            | 16       | 40                | 72                                    | 47  |

*Midshipmen of the third class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                                | State from which<br>appointed. | Date of admission. |
|--|---------------------------------------|--------------------------------|--------------------|
| 204  | Lovette, Leland Pearson.....          | Tennessee.....                 | June 24, 1914      |
| 222  | Lyttle, Hugh Doak.....                | Colorado.....                  | June 18, 1914      |
| 34   | McCartin, Edward Francis.....         | Rhode Island....               | Sept. 30, 1914     |
| 79   | McCown, Henry Young.....              | Texas.....                     | June 24, 1914      |
| 39   | McDowell, Ralph Samuel.....           | Alabama.....                   | June 22, 1914      |
| 82   | McReynolds, John Street.....          | Texas.....                     | June 26, 1914      |
| 60   | Macaulay, Walter Scott.....           | Michigan.....                  | Aug. 20, 1914      |
| 234  | Macklin, William Alexander Stewart... | South Dakota....               | June 12, 1914      |
| 95   | MacLellan, Harold Earle.....          | Rhode Island....               | July 22, 1914      |
| *3   | <b>Malone, William Jennings</b> ..... | Missouri.....                  | June 18, 1914      |
| 141  | Marley, Albert Sigle, jr.....         | Missouri.....                  | June 18, 1914      |
| <i>hrx</i> 233                               | Marston, Oliver Ferguson.....         | Florida.....                   | July 30, 1914      |
| 174  | Miller, Christopher Chaffe.....       | Louisiana.....                 | June 19, 1914      |
| <i>iw</i> 114                                | Mills, Earle Watkins.....             | Arkansas.....                  | June 17, 1914      |
| <i>h</i> ¶ 249                               | Mills, George Henry.....              | North Carolina...              | June 17, 1914      |
| <i>ist</i> 212                               | Minard, David P.....                  | South Dakota....               | July 3, 1914       |
| 151  | Mintzer, Leonidas Murney.....         | Washington.....                | June 12, 1914      |
| 178  | Mitten, Robert Livingston.....        | Wisconsin.....                 | June 25, 1914      |
| 146  | Momsen, Charles Bower.....            | Minnesota.....                 | June 23, 1914      |
| 207  | Moore, Charles Godwin, jr.....        | North Carolina...              | June 23, 1914      |
| <i>br</i> 188                                | Moran, Alfred Patrick, jr.....        | New York.....                  | July 6, 1914       |
| <i>il</i> 238                                | Moses, Carl Alan.....                 | Rhode Island....               | June 12, 1914      |
| 123  | Murphy, Edmund Joseph Aloysius.....   | New York.....                  | June 19, 1914      |
| 16   | Murphy, Vincent Raphael.....          | Virginia.....                  | June 24, 1914      |
| 136  | Murray, James Daniel, jr.....         | Pennsylvania....               | June 29, 1914      |
| 97   | Need, Harry William.....              | Indiana.....                   | June 16, 1914      |
| 104  | Neill, John Baldwin, jr.....          | Virginia.....                  | June 12, 1914      |
| *4   | <b>Nichols, William Raymond</b> ..... | Arizona.....                   | June 11, 1914      |
| 152  | Norton, Stanley Cook.....             | Maine.....                     | June 13, 1914      |
| 109  | Page, Arthur Hallet, jr.....          | Minnesota.....                 | June 25, 1914      |
| *1   | <b>Paige, Joseph Wegner</b> .....     | Vermont.....                   | Sept. 23, 1914     |
| 122  | Parker, Robert Burrus.....            | Texas.....                     | June 27, 1914      |
| 242  | Percifield, Willis Merritt.....       | Idaho.....                     | June 11, 1914      |
| 116  | Perkins, Jesse Lee.....               | Missouri.....                  | June 18, 1914      |
| 44   | Phillips, Jack Spinning.....          | New Jersey.....                | Sept. 24, 1914     |
| 195  | Plonk, John Otto.....                 | Pennsylvania....               | June 27, 1914      |
| 127  | Poole, Robert.....                    | Maryland.....                  | July 1, 1914       |

annual examination, June, 1915—255 members—Continued.

| Age at date of admission. |         | Sea service in practice ships. |       | Order of merit for the academic year in— |                       |               |          |                   | Number of demerits for academic year. | Order of general merit for academic year. |
|---------------------------|---------|--------------------------------|-------|--|-----------------------|---------------|----------|-------------------|---------------------------------------|---|
| Years.                    | Months. | Months.                        | Days. | Mechanical drawing.                      | Geometry and algebra. | Trigonometry. | English. | Modern languages. |                                       |   |
| 16                        | 6       | 3                              | 3     | 230                                      | 209                   | 200           | 164      | 112               | 76                                    | 204                                       |
| 17                        | 8       | 3                              | 3     | 168                                      | 228                   | 236           | 177      | 212               | 81                                    | 222                                       |
| 18                        | 1       | 3                              | 3     | 15                                       | 63                    | 90            | 12       | 76                | 48                                    | 34  |
| 19                        | 8       | 3                              | 3     | 187                                      | 38                    | 41            | 67       | 140               | 22                                    | 79  |
| 17                        | 4       | 3                              | 3     | 24                                       | 9                     | 7             | 187      | 175               | 34                                    | 39  |
| 18                        | 10      | 3                              | 3     | 54                                       | 105                   | 90            | 119      | 82                | 22                                    | 82  |
| 19                        | 10      | 3                              | 3     | 66                                       | 30                    | 29            | 112      | 117               | 117                                   | 60  |
| 16                        | 11      | 3                              | 3     | 232                                      | 241                   | 169           | 246      | 166               | 52                                    | 234                                       |
| 18                        | 11      | 3                              | 3     | 124                                      | 94                    | 78            | 75       | 142               | 17                                    | 95  |
| 16                        | 9       | 3                              | 3     | 3  | 8                     | 8             | 4        | 21                | 12                                    | *3  |
| 19                        | 8       | 3                              | 3     | 144                                      | 90                    | 83            | 203      | 134               | 72                                    | 141                                       |
| 19                        | 5       | 0                              | 00    | 209                                      | 161                   | 231           | 161      | 253               | 24                                    | <i>hr</i> 233                             |
| 16                        | 10      | 3                              | 3     | 226                                      | 105                   | 102           | 197      | 178               | 26                                    | 174                                       |
| 18                        | 0       | 3                              | 3     | 190                                      | 116                   | 148           | 20       | 194               | 22                                    | <i>iw</i> 114                             |
| 18                        | 10      | 3                              | 3     | 246                                      | 263                   | 246           | 223      | 228               | 20                                    | <i>h</i> 249                              |
| 19                        | 11      | 0                              | 00    | 127                                      | 202                   | 137           | 231      | 209               | 171                                   | <i>ist</i> 212                            |
| 19                        | 10      | 3                              | 3     | 136                                      | 221                   | 137           | 56       | 188               | 42                                    | 151                                       |
| 18                        | 8       | 3                              | 3     | 157                                      | 199                   | 133           | 171      | 127               | 119                                   | 178                                       |
| 18                        | 0       | 3                              | 3     | 54                                       | 119                   | 76            | 222      | 238               | 31                                    | 146                                       |
| 16                        | 7       | 3                              | 3     | 241                                      | 199                   | 153           | 154      | 145               | 115                                   | 207                                       |
| 18                        | 5       | 0                              | 00    | 134                                      | 141                   | 162           | 138      | 252               | 7                                     | <i>br</i> 188                             |
| 18                        | 6       | 0                              | 00    | 215                                      | 247                   | 236           | 168      | 243               | 42                                    | <i>il</i> 238                             |
| 16                        | 9       | 3                              | 3     | 142                                      | 139                   | 113           | 86       | 129               | 53                                    | 123                                       |
| 18                        | 1       | 1                              | 1     | 161                                      | 60                    | 21            | 5        | 20                | 42                                    | 16  |
| 16                        | 2       | 3                              | 3     | 107                                      | 206                   | 125           | 130      | 69                | 79                                    | 136                                       |
| 20                        | 0       | 3                              | 3     | 164                                      | 166                   | 110           | 23       | 94                | 18                                    | 97  |
| 17                        | 7       | 5                              | 5     | 90                                       | 49                    | 83            | 166      | 125               | 102                                   | 104                                       |
| 18                        | 11      | 1                              | 1     | 8  | 11                    | 11            | 14       | 1                 | 5                                     | *4  |
| 19                        | 7       | 3                              | 3     | 20                                       | 249                   | 137           | 199      | 198               | 38                                    | 152                                       |
| 18                        | 9       | 3                              | 3     | 68                                       | 108                   | 117           | 95       | 121               | 134                                   | 109                                       |
| 19                        | 7       | 3                              | 3     | 1  | 1                     | 1             | 1        | 2                 | 28                                    | *1  |
| 18                        | 3       | 3                              | 3     | 76                                       | 147                   | 215           | 41       | 182               | 17                                    | 122                                       |
| 20                        | 2       | 3                              | 3     | 247                                      | 249                   | 236           | 151      | 212               | 97                                    | 242                                       |
| 20                        | 0       | 3                              | 3     | 164                                      | 182                   | 162           | 63       | 66                | 45                                    | 116                                       |
| 19                        | 7       | 3                              | 3     | 162                                      | 79                    | 63            | 82       | 9                 | 14                                    | 44  |
| 19                        | 0       | 3                              | 3     | 144                                      | 161                   | 180           | 228      | 188               | 53                                    | 195                                       |
| 17                        | 8       | 1                              | 1     | 109                                      | 186                   | 133           | 144      | 64                | 59                                    | 127                                       |

*Midshipmen of the third class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                                   | State from which<br>appointed. | Date of admission. |
|--|--|--------------------------------|--------------------|
| 28   | Price, Edwin Huyler.....                 | New Jersey.....                | June 19, 1914      |
| 71   | Pursell, Ion.....                        | Kentucky.....                  | June 16, 1914      |
| 57   | Quackenbush, J. Warren.....              | New Jersey.....                | June 19, 1914      |
| 214  | Raab, Norman Cecil.....                  | California.....                | June 13, 1914      |
| H175   | Ramsey, Logan Carlisle.....              | Mississippi.....               | June 10, 1914      |
| 190  | Remington, Thomas Frederick.....         | New York.....                  | June 20, 1914      |
| *7   | <b>Richardson, Lawrence Baxter</b> ..... | Massachusetts.....             | June 17, 1914      |
| 146  | Riggs, Ralph Smith.....                  | Texas.....                     | Sept. 23, 1914     |
| 65   | Rochester, Harry Arthur.....             | New York.....                  | June 22, 1914      |
| 184  | Rogers, Elbert Charles.....              | Iowa.....                      | June 18, 1914      |
| 153  | Rogers, John Walter.....                 | Missouri.....                  | June 10, 1914      |
| 19   | Ross, George Edward, jr.....             | Kentucky.....                  | Oct. 12, 1914      |
| 171  | Rowe, Gordon.....                        | New York.....                  | June 19, 1914      |
| 165  | Rowe, John William.....                  | Wisconsin.....                 | Sept. 21, 1914     |
| 103  | Sheck, Lloyd Goode.....                  | Kansas.....                    | June 16, 1914      |
| 139  | Scott, John Benson.....                  | Pennsylvania.....              | June 23, 1914      |
| 73   | Scull, Herbert Meyer.....                | Indiana.....                   | June 18, 1914      |
| H83  | Seligman, Morton Tinslar.....            | New Mexico.....                | June 13, 1914      |
| *2   | <b>Sherman, Forrest Percival</b> .....   | Massachusetts.....             | June 17, 1914      |
| 220  | Sherwood, Gordon Bogert.....             | New York.....                  | June 19, 1914      |
| 36   | Smith, Hayden Henkel.....                | Massachusetts.....             | June 11, 1914      |
| h¶247  | Spaulding, John William.....             | Oklahoma.....                  | June 20, 1914      |
| 66   | Sprague, Clifton Albert Frederick.....   | Vermont.....                   | Aug. 29, 1914      |
| 10   | Sprague, Thomas Lamison.....             | Ohio.....                      | June 29, 1914      |
| 129  | Stailey, Henry David.....                | California.....                | June 12, 1914      |
| 42   | Stone, Earl Everett.....                 | Wisconsin.....                 | July 1, 1914       |
| il91   | Stone, Herbert Given.....                | Virginia.....                  | June 24, 1914      |
| 206  | Stover, Seymour Bonsall.....             | New Jersey.....                | July 8, 1914       |
| 21   | Styer, Charles Wilkes.....               | At Large.....                  | June 11, 1914      |
| br227  | Styles, Cassius Hayward.....             | Vermont.....                   | June 13, 1914      |
| 61   | Sullivan, John Raymond.....              | Minnesota.....                 | June 18, 1914      |
| ilr118                                       | Svec, William Frank.....                 | Illinois.....                  | June 23, 1914      |
| hr252  | Sweet, Robert Francis.....               | Iowa.....                      | June 18, 1914      |
| 70   | Taylor, Perry Root.....                  | Pennsylvania.....              | July 6, 1914       |
| 218  | Taylor, Walter Lucian.....               | Georgia.....                   | June 12, 1914      |
| 216  | Thorne, Thomas Smith.....                | Vermont.....                   | June 24, 1914      |
| 94   | Thornhill, Henry Ehrman.....             | Alabama.....                   | June 23, 1914      |

annual examination, June, 1915—255 members—Continued.

| Age at date of admission. |         | Sea service in practice ships. |       | Order of merit for the academic year in— |                       |               |          |                   | Number of demerits for academic year. | Order of general merit for academic year. |
|---------------------------|---------|--------------------------------|-------|--|-----------------------|---------------|----------|-------------------|---------------------------------------|---|
| Years.                    | Months. | Months.                        | Days. | Mechanical drawing.                      | Geometry and algebra. | Trigonometry. | English. | Modern languages. |                                       |   |
| 16                        | 8       | 3                              | 3     | 27                                       | 45                    | 15            | 57       | 82                | 21                                    | 28  |
| 18                        | 3       | 0                              | 27    | 115                                      | 59                    | 113           | 28       | 73                | 6                                     | 71  |
| 19                        | 10      | 3                              | 3     | 9  | 119                   | 133           | 68       | 77                | 19                                    | 57  |
| 18                        | 10      | 3                              | 3     | 52                                       | 239                   | 231           | 230      | 245               | 41                                    | 214                                       |
| 16                        | 4       | 3                              | 3     | 168                                      | 165                   | 122           | 112      | 203               | 102                                   | H175                                      |
| 19                        | 6       | 3                              | 3     | 202                                      | 154                   | 192           | 173      | 129               | 76                                    | 190                                       |
| 17                        | 5       | 3                              | 3     | 97                                       | 5                     | 18            | 2        | 5                 | 49                                    | *7  |
| 19                        | 3       | 3                              | 3     | 150                                      | 241                   | 117           | 97       | 89                | 41                                    | 146                                       |
| 18                        | 0       | 3                              | 3     | 87                                       | 100                   | 35            | 72       | 109               | 41                                    | 65  |
| 17                        | 8       | 3                              | 3     | 176                                      | 197                   | 192           | 143      | 164               | 14                                    | 184                                       |
| 18                        | 9       | 3                              | 3     | 72                                       | 168                   | 186           | 188      | 98                | 70                                    | 153                                       |
| 18                        | 6       | 3                              | 3     | 17                                       | 79                    | 14            | 98       | 13                | 131                                   | 19  |
| 18                        | 5       | 3                              | 3     | 194                                      | 156                   | 180           | 100      | 178               | 15                                    | 171                                       |
| 19                        | 11      | 3                              | 3     | 194                                      | 149                   | 143           | 106      | 154               | 62                                    | 165                                       |
| 18                        | 3       | 3                              | 3     | 156                                      | 119                   | 125           | 75       | 55                | 67                                    | 103                                       |
| 19                        | 11      | 3                              | 3     | 187                                      | 132                   | 153           | 87       | 112               | 15                                    | 139                                       |
| 17                        | 10      | 3                              | 3     | 35                                       | 69                    | 65            | 77       | 161               | 57                                    | 73  |
| 18                        | 11      | 1                              | 1     | 85                                       | 168                   | 78            | 83       | 53                | 53                                    | H 83                                      |
| 17                        | 8       | 3                              | 3     | 2  | 4                     | 4             | 11       | 9                 | 39                                    | *2  |
| 18                        | 11      | 3                              | 3     | 150                                      | 132                   | 200           | 250      | 219               | 78                                    | 220                                       |
| 19                        | 1       | 3                              | 3     | 141                                      | 73                    | 32            | 51       | 14                | 18                                    | 36  |
| 17                        | 6       | 3                              | 3     | 253                                      | 247                   | 236           | 213      | 198               | 151                                   | h¶247                                     |
| 18                        | 7       | 3                              | 3     | 127                                      | 33                    | 27            | 79       | 150               | 55                                    | 66  |
| 19                        | 9       | 3                              | 3     | 7  | 23                    | 24            | 19       | 33                | 73                                    | 10  |
| 19                        | 6       | 3                              | 3     | 72                                       | 73                    | 117           | 131      | 238               | 17                                    | 129                                       |
| 18                        | 7       | 3                              | 3     | 26                                       | 83                    | 62            | 43       | 69                | 38                                    | 42  |
| 17                        | 9       | 0                              | 27    | 104                                      | 86                    | 103           | 85       | 79                | 54                                    | i191                                      |
| 16                        | 0       | 3                              | 3     | 109                                      | 241                   | 227           | 232      | 134               | 21                                    | 206                                       |
| 17                        | 1       | 3                              | 3     | 19                                       | 26                    | 36            | 107      | 21                | 37                                    | 21  |
| 19                        | 8       | 0                              | 00    | 222                                      | 241                   | 251           | 178      | 55                | 101                                   | br227                                     |
| 18                        | 10      | 1                              | 1     | 162                                      | 129                   | 44            | 24       | 66                | 15                                    | 61  |
| 19                        | 3       | 0                              | 27    | 160                                      | 34                    | 162           | 190      | 63                | 79                                    | i1r118                                    |
| 19                        | 0       | 0                              | 00    | 233                                      | 249                   | 253           | 158      | 251               | 27                                    | hr252                                     |
| 17                        | 4       | 3                              | 3     | 47                                       | 15                    | 31            | 234      | 150               | 4                                     | 70  |
| 18                        | 0       | 3                              | 3     | 152                                      | 221                   | 200           | 233      | 186               | 85                                    | 218                                       |
| 16                        | 5       | 3                              | 3     | 249                                      | 209                   | 234           | 178      | 91                | 41                                    | 216                                       |
| 18                        | 0       | 3                              | 3     | 129                                      | 63                    | 65            | 148      | 87                | 34                                    | 94  |

*Midshipmen of the third class and relative standing at the*

| Order of general merit<br>for academic year. | Names.                                 | State from which<br>appointed. | Date of admission. |
|--|--|--------------------------------|--------------------|
| 193  | Thornton, Proctor Morton, .....        | At Large.....                  | June 10, 1914      |
| 41   | Tomlinson, Daniel Webb, 4th.....       | New York.....                  | June 20, 1914      |
| 128  | Townsend, Guy Duker.....               | Oklahoma.....                  | Aug. 7, 1914       |
| <i>f</i> 186                                 | Tuley, Charles Brown.....              | Kentucky.....                  | June 12, 1914      |
| 199  | Von Hasseln, Harry William.....        | New York.....                  | June 19, 1914      |
| 48   | Vosbury, Bronson Poindexter.....       | New York.....                  | June 20, 1914      |
| 139  | Wade, Mertin Clarence, jr.....         | Texas.....                     | June 11, 1914      |
| 62   | Wade, William Claience.....            | Texas.....                     | June 11, 1914      |
| 211  | Walbridge, Edward Dewey.....           | New York.....                  | June 20, 1914      |
| 27   | Walker, Theodore Frelinghuysen Clark.. | New Jersey.....                | June 11, 1914      |
| <i>f</i> 177                                 | Walters, Albert Augustus.....          | New York.....                  | July 3, 1914       |
| 67   | Warlick, William Walter.....           | California.....                | Sept. 30, 1914     |
| <i>Hig</i> 224                               | Westphal, Frederick August.....        | Rhode Island.....              | July 18, 1914      |
| <i>iu</i> 33                                 | Wheeler, Edward Blue.....              | South Carolina...              | June 24, 1914      |
| 40   | Whelan, John Nicholas.....             | Michigan.....                  | June 17, 1914      |
| 231  | White, Clement Brown.....              | Alabama.....                   | July 13, 1914      |
| 92   | Whitemarsh, Ross Palmer.....           | Washington.....                | June 24, 1914      |
| 134  | Whitfield, James Walter.....           | Delaware.....                  | June 12, 1914      |
| <i>H</i> 221                                 | Whitson, John Allen.....               | Mississippi.....               | June 24, 1914      |
| <i>G</i> 76                                  | Whittaker, Horace Roy.....             | Pennsylvania.....              | June 10, 1914      |
| 163  | Whitten, Robert Todd.....              | Missouri.....                  | June 18, 1914      |
| 102  | Wieber, Carlos Wilhelm.....            | At Large.....                  | June 11, 1914      |
| <i>ist</i> 159                               | Wilcock, Wilfred Charles.....          | New York.....                  | June 26, 1914      |
| 78   | Wilkinson, Ford Lee, jr.....           | Kentucky.....                  | June 17, 1914      |
| 213  | Willenbucher, Eugene Henry .....       | New Jersey.....                | June 25, 1914      |
| <i>h</i> ¶ 251                               | Williams, John Carmichael.....         | Texas.....                     | June 10, 1914      |
| 111  | Wilson, Julian Du Bois .....           | West Virginia ...              | July 11, 1914      |
| 226  | Withers, Cleeman.....                  | Kansas.....                    | June 13, 1914      |
| 130  | Wood, John Orrin.....                  | Nevada.....                    | June 12, 1914      |
| 180  | Woolley, Gordon Bentley.....           | Utah.....                      | June 24, 1914      |
| 161  | Wright, Jerauld.....                   | New Jersey.....                | July 24, 1914      |
| 80   | Wright, Julius Taylor.....             | Indiana.....                   | June 20, 1914      |
| 142  | Wunch, Edward William.....             | New York.....                  | June 25, 1914      |

annual examination, June, 1915—255 members—Continued.

| Age at date of admission. |         | Sea service in practice ships. |       | Order of merit for the academic year in— |                       |               |          |                   | Number of demerits for academic year. | Order of general merit for academic year. |
|---------------------------|---------|--------------------------------|-------|--|-----------------------|---------------|----------|-------------------|---------------------------------------|---|
| Years.                    | Months. | Months.                        | Days. | Mechanical drawing.                      | Geometry and algebra. | Trigonometry. | English. | Modern languages. |                                       |   |
| 16                        | 7       | 3                              | 3     | 189                                      | 179                   | 206           | 209      | 123               | 3                                     | 193                                       |
| 17                        | 2       | 2                              | 27    | 31                                       | 34                    | 38            | 77       | 105               | 56                                    | 41  |
| 19                        | 7       | 3                              | 3     | 59                                       | 137                   | 96            | 158      | 212               | 31                                    | 128                                       |
| 17                        | 3       | 1                              | 00    | 211                                      | 232                   | 169           | 144      | 102               | 54                                    | <i>f</i> 186                              |
| 16                        | 8       | 3                              | 3     | 190                                      | 199                   | 236           | 182      | 102               | 34                                    | 199                                       |
| 18                        | 8       | 3                              | 3     | 52                                       | 69                    | 90            | 26       | 64                | 63                                    | 48  |
| 16                        | 5       | 3                              | 3     | 199                                      | 83                    | 96            | 200      | 77                | 40                                    | 139                                       |
| 19                        | 1       | 3                              | 3     | 20                                       | 49                    | 34            | 157      | 188               | 26                                    | 62  |
| 19                        | 0       | 3                              | 3     | 226                                      | 161                   | 153           | 192      | 238               | 9                                     | 211                                       |
| 20                        | 0       | 3                              | 3     | 11                                       | 12                    | 63            | 38       | 87                | 14                                    | 27  |
| 20                        | 1       | 3                              | 3     | 146                                      | 209                   | 148           | 124      | 177               | 103                                   | <i>f</i> 177                              |
| 19                        | 4       | 3                              | 3     | 36                                       | 45                    | 76            | 185      | 58                | 68                                    | 67  |
| 19                        | 1       | 0                              | 20    | 146                                      | 193                   | 162           | 253      | 219               | 110                                   | <i>Hig</i> 224                            |
| 18                        | 8       | 5                              | 5     | 131                                      | 111                   | 49            | 7        | 28                | 38                                    | <i>iu</i> 33                              |
| 18                        | 8       | 0                              | 27    | 81                                       | 43                    | 12            | 116      | 45                | 64                                    | 40  |
| 18                        | 6       | 3                              | 3     | 244                                      | 258                   | 210           | 191      | 145               | 57                                    | 231                                       |
| 19                        | 1       | 3                              | 3     | 131                                      | 79                    | 69            | 112      | 79                | 34                                    | 92  |
| 19                        | 5       | 3                              | 3     | 175                                      | 100                   | 100           | 200      | 86                | 27                                    | 134                                       |
| 20                        | 0       | 3                              | 3     | 192                                      | 236                   | 236           | 218      | 140               | 40                                    | <i>H</i> 221                              |
| 19                        | 10      | 0                              | 23    | 6  | 60                    | 83            | 221      | 127               | 43                                    | <i>G</i> 76                               |
| 17                        | 11      | 3                              | 3     | 82                                       | 190                   | 122           | 169      | 175               | 104                                   | 163                                       |
| 19                        | 6       | 3                              | 3     | 185                                      | 139                   | 148           | 124      | 24                | 13                                    | 102                                       |
| 19                        | 8       | 0                              | 00    | 182                                      | 149                   | 148           | 140      | 117               | 35                                    | <i>ist</i> 159                            |
| 18                        | 10      | 3                              | 3     | 76                                       | 83                    | 88            | 73       | 100               | 4                                     | 78  |
| 18                        | 6       | 3                              | 3     | 152                                      | 193                   | 223           | 226      | 145               | 136                                   | 213                                       |
| 18                        | 8       | 3                              | 3     | 229                                      | 258                   | 231           | 254      | 231               | 72                                    | <i>h</i> 251                              |
| 18                        | 0       | 3                              | 3     | 48                                       | 94                    | 103           | 195      | 171               | 30                                    | 111                                       |
| 16                        | 9       | 3                              | 3     | 192                                      | 228                   | 225           | 203      | 236               | 30                                    | 226                                       |
| 18                        | 11      | 3                              | 3     | 136                                      | 103                   | 157           | 161      | 89                | 28                                    | 130                                       |
| 18                        | 5       | 3                              | 3     | 173                                      | 182                   | 175           | 102      | 211               | 69                                    | 180                                       |
| 16                        | 2       | 3                              | 3     | 92                                       | 125                   | 143           | 229      | 158               | 41                                    | 161                                       |
| 18                        | 6       | 3                              | 3     | 113                                      | 67                    | 65            | 70       | 105               | 41                                    | 80  |
| 17                        | 9       | 3                              | 3     | 46                                       | 145                   | 175           | 142      | 178               | 63                                    | 142                                       |

*Midshipmen of the fourth class—267 members.*

Letters in italics used opposite names in the following list refer to footnotes at bottom of this list only.]

| Name.  | Appointed from—      | Date of admission. | Age at date of admission. |         |
|--|----------------------|--------------------|---------------------------|---------|
|  |                      |                    | Years.                    | Months. |
| Adams, Arthur Stanton <i>c</i> .....         | Vermont .....        | June 11, 1914      | 17                        | 11      |
| Aler, Frank Vernon, jr. <i>a d j</i> .....   | West Virginia.....   | May 27, 1915       | 18                        | 4       |
| Alexander, Alonzo Bernard .....              | South Carolina ..... | Aug. 14, 1915      | 18                        | 5       |
| Allen, Charles.....                          | New Jersey.....      | July 20, 1915      | 19                        | 8       |
| Allen, James Ross.....                       | Iowa.....            | June 9, 1915       | 18                        | 10      |
| Anderson, Charles Carter.....                | Nevada.....          | June 11, 1915      | 18                        | 1       |
| Andrews, Charles Lee, jr.....                | At large.....        | June 8, 1915       | 18                        | 5       |
| Ansel, Walter.....                           | Illinois.....        | July 14, 1915      | 17                        | 11      |
| Atkins, James George .....                   | Wisconsin .....      | Oct. 2, 1915       | 19                        | 4       |
| Baggett, Henry Dent <i>a f j</i> .....       | Mississippi.....     | June 21, 1915      | 17                        | 11      |
| Bailliere, Thomas Henry Gaither <i>a c d</i> | Arkansas.....        | July 6, 1914       | 17                        | 1       |
| Barlow, Walter Sherman.....                  | Michigan.....        | June 15, 1915      | 19                        | 4       |
| Barrett, Russell Syer.....                   | Virginia.....        | June 18, 1915      | 17                        | 10      |
| Beltz, Fred Wallace <i>a d j</i> .....       | Pennsylvania.....    | May 26, 1915       | 19                        | 0       |
| Benson, Russell Bernard.....                 | Wisconsin.....       | June 18, 1915      | 19                        | 5       |
| Boller, Robert Leon.....                     | Oregon.....          | June 17, 1915      | 19                        | 2       |
| Bonney, Carroll Taber.....                   | Massachusetts.....   | June 15, 1915      | 18                        | 9       |
| Bowman, Gustave Henry .....                  | At large. ....       | Sept. 29, 1915     | 19                        | 10      |
| Brantly, Neill Duncan.....                   | Montana.....         | June 7, 1915       | 17                        | 11      |
| Brashears, George Williamson, jr....         | Missouri.....        | June 8, 1915       | 18                        | 10      |
| Brimmer, Howard Waite.....                   | Wyoming.....         | June 11, 1915      | 19                        | 9       |
| Briscoe, Robert Pearce.....                  | Mississippi.....     | June 15, 1915      | 18                        | 4       |
| Brittain, Thomas Baldwin.....                | At large.....        | June 24, 1915      | 16                        | 6       |
| Brooks, Winfield Alpheus.....                | Maine.....           | June 15, 1915      | 18                        | 7       |
| Brown, Allen Dudley.....                     | Virginia.....        | June 12, 1915      | 17                        | 10      |
| Brown, Gilbert William <i>b e j</i> .....    | Illinois.....        | June 12, 1915      | 18                        | 9       |
| Browning, John Nelson.....                   | Kentucky.....        | June 8, 1915       | 16                        | 6       |
| Bryant, Eliot Hinman.....                    | South Dakota.....    | June 8, 1915       | 18                        | 9       |
| Buchalter, Joseph.....                       | Indiana.....         | June 16, 1915      | 18                        | 9       |
| Burleigh, Albert Pearce.....                 | Maine.....           | June 7, 1915       | 19                        | 5       |
| Callaghan, William McCombe.....              | California.....      | June 11, 1915      | 17                        | 10      |
| Camp, Chauncey.....                          | Mississippi.....     | June 28, 1915      | 16                        | 9       |
| Canfield, John Peters.....                   | Oklahoma.....        | June 17, 1915      | 18                        | 11      |
| Carmine, Creighton Campbell.....             | Michigan.....        | June 17, 1915      | 16                        | 8       |
| Carter, Grayson Birch.....                   | California.....      | June 7, 1915       | 17                        | 7       |
| Casey, James Raymond.....                    | Connecticut.....     | June 28, 1915      | 18                        | 7       |
| Cassady, John Howard.....                    | Indiana.....         | June 9, 1915       | 19                        | 2       |
| Challenger, Harold Lincoln .....             | Connecticut .....    | Sept. 14, 1915     | 17                        | 7       |

*Midshipmen of the fourth class—267 members—Continued.*

| Name.   | Appointed from—     | Date of admission. | Age at date of admission. |         |
|---|---------------------|--------------------|---------------------------|---------|
|   |                     |                    | Years.                    | Months. |
| Clark, David Henderson.....                     | Kentucky.....       | June 15, 1915      | 16                        | 4       |
| Clayton, William Edward.....                    | North Carolina..... | June 17, 1915      | 18                        | 0       |
| Cochran, Peyton Skipwith.....                   | Pennsylvania.....   | June 10, 1915      | 18                        | 4       |
| Collins, Bayard Francis.....                    | Illinois.....       | Oct. 2, 1915       | 19                        | 3       |
| Colyear, Bayard Henry.....                      | Arkansas.....       | June 12, 1915      | 20                        | 1       |
| Coney, Charles Edward.....                      | Georgia.....        | June 12, 1915      | 17                        | 5       |
| Cook, Herschel Paul.....                        | Indiana.....        | July 30, 1915      | 18                        | 1       |
| Cooley, William Belcher.....                    | California.....     | Aug. 12, 1915      | 19                        | 11      |
| Crawford, David Stolz.....                      | Pennsylvania.....   | June 18, 1915      | 19                        | 6       |
| Crawford, John Graybill.....                    | Pennsylvania.....   | Aug. 31, 1915      | 18                        | 6       |
| Crichton, Robert Bruce.....                     | Iowa.....           | June 10, 1915      | 19                        | 3       |
| Crowe, John Francis.....                        | New York.....       | June 16, 1915      | 19                        | 4       |
| Cullens, John Wimberly.....                     | Louisiana.....      | June 15, 1915      | 17                        | 10      |
| Cushman, Charles Henry.....                     | New Jersey.....     | June 10, 1915      | 19                        | 9       |
| Daniel, Roy Joyner.....                         | Arkansas.....       | July 8, 1915       | 19                        | 7       |
| Day, Dorrance Kenyon.....                       | Rhode Island.....   | June 10, 1915      | 17                        | 7       |
| de Kay, Rodman Drake.....                       | New York.....       | June 10, 1915      | 17                        | 4       |
| Demarest, Clayton, jr.....                      | New York.....       | June 16, 1915      | 19                        | 11      |
| Dierdorff, Ross Ainsworth.....                  | Oregon.....         | June 24, 1915      | 19                        | 5       |
| Ditmars, Walter Earl.....                       | New York.....       | June 17, 1915      | 19                        | 11      |
| Dorsey, Robert Milton.....                      | Kentucky.....       | June 15, 1915      | 16                        | 7       |
| Downey, George Joseph.....                      | Massachusetts.....  | June 11, 1915      | 20                        | 1       |
| Du Val, Miles Percy, jr.....                    | Virginia.....       | June 8, 1915       | 19                        | 2       |
| Dyer, George Carroll.....                       | Oregon.....         | June 17, 1915      | 17                        | 2       |
| Evans, Clifford Vassar.....                     | Kansas.....         | June 8, 1915       | 20                        | 2       |
| Failing, Kenneth Richards.....                  | Michigan.....       | June 12, 1915      | 19                        | 10      |
| Fengar, Henry Clay.....                         | Connecticut.....    | June 12, 1915      | 17                        | 10      |
| Feraca, Salvatore Joseph.....                   | New York.....       | June 16, 1915      | 19                        | 3       |
| Ferguson, William Hays.....                     | Missouri.....       | June 15, 1915      | 19                        | 9       |
| Fink, Carl Kenneth.....                         | Idaho.....          | June 7, 1915       | 16                        | 9       |
| Fitch, Howard Wesley.....                       | Nebraska.....       | June 11, 1915      | 19                        | 9       |
| Fitzpatrick, Thomas Benjamin <i>a g j</i> ..... | New York.....       | July 6, 1915       | 18                        | 8       |
| Foster, Festus Finley.....                      | Kansas.....         | June 9, 1915       | 16                        | 5       |
| Francis, Dean Dalrymple.....                    | Indiana.....        | June 14, 1915      | 17                        | 11      |
| Friedman, Edwin.....                            | Pennsylvania.....   | June 17, 1915      | 17                        | 9       |
| Gamble, Howard Grattan <i>c</i> .....           | Florida.....        | June 27, 1914      | 19                        | 10      |
| Gardner, Matthias Bennett.....                  | Pennsylvania.....   | July 6, 1915       | 17                        | 7       |
| Gearing, Hilyer Fulford.....                    | At large.....       | June 29, 1915      | 17                        | 9       |

*Midshipmen of the fourth class—267 members—Continued.*

| Name.                               | Appointed from—     | Date of admission. | Age at date of admission. |         |
|-------------------------------------|---------------------|--------------------|---------------------------|---------|
|                                     |                     |                    | Years.                    | Months. |
| Gieselmann, Adolph Otto.....        | Tennessee.....      | June 22, 1915      | 17                        | 8       |
| Gilman, Arthur.....                 | New York.....       | June 29, 1915      | 20                        | 0       |
| Gilmer, Francis Hook.....           | Louisiana.....      | June 15, 1915      | 16                        | 8       |
| Goodstein, Harry.....               | Pennsylvania.....   | July 6, 1915       | 17                        | 8       |
| Graham, James Joseph.....           | Massachusetts.....  | Sept. 15, 1915     | 19                        | 3       |
| Grant, Lucien McKee.....            | Kentucky.....       | Sept. 11, 1915     | 17                        | 10      |
| Greer, Marshall Raymond.....        | North Carolina..... | June 22, 1915      | 19                        | 4       |
| Griffin, Thomas Joshua.....         | Ohio.....           | June 10, 1915      | 17                        | 10      |
| Griffiths, Cuthbert Ambrose.....    | Iowa.....           | June 12, 1915      | 19                        | 7       |
| Griggs, John Bradford.....          | North Carolina..... | June 17, 1915      | 18                        | 7       |
| Grimsley, Eric Miller.....          | Alabama.....        | June 9, 1915       | 18                        | 0       |
| Griswold, Wade Everett.....         | Ohio.....           | June 7, 1915       | 18                        | 11      |
| Haberkorn, Joseph Aloysius, jr..... | Illinois.....       | Sept. 3, 1915      | 19                        | 7       |
| Hains, Paul Wagstaff.....           | Massachusetts.....  | June 8, 1915       | 19                        | 4       |
| Hale, Davis Ward.....               | Indiana.....        | July 17, 1915      | 20                        | 4       |
| Hall, Stephen Ketcham.....          | Ohio.....           | June 10, 1915      | 18                        | 8       |
| Hand, Daniel Whilldin, jr.....      | Oklahoma.....       | Sept. 14, 1915     | 18                        | 4       |
| Hayes, Thomas Albine, jr.....       | Texas.....          | June 18, 1915      | 20                        | 0       |
| Herring, Lewis Waldo.....           | New York.....       | June 16, 1915      | 18                        | 8       |
| Herrmann, Ernest Edward.....        | New York.....       | July 7, 1915       | 19                        | 0       |
| Hicks, Rex Le Grande.....           | Illinois.....       | July 20, 1915      | 18                        | 4       |
| Hilbert, William Edward.....        | Massachusetts.....  | June 14, 1915      | 18                        | 11      |
| Hill, Elmer Robert.....             | Massachusetts.....  | June 9, 1915       | 19                        | 0       |
| Holloway, James Lemuel, jr.....     | Texas.....          | June 18, 1915      | 17                        | 0       |
| Howe, James Henry.....              | Mississippi.....    | June 8, 1915       | 18                        | 10      |
| Hughes, James Joseph.....           | New York.....       | June 16, 1915      | 16                        | 7       |
| Humes, Jo Allison.....              | Texas.....          | June 8, 1915       | 16                        | 11      |
| Hungerford, Ralph Waldo.....        | Pennsylvania.....   | June 17, 1915      | 19                        | 2       |
| Hunt, Charles Boardman.....         | California.....     | June 15, 1915      | 18                        | 6       |
| Hunter, John Heard, 2d.....         | Georgia.....        | June 14, 1915      | 18                        | 8       |
| Hurff, Jack Ellett.....             | Illinois.....       | June 9, 1915       | 16                        | 4       |
| Huse, John Oldham.....              | New York.....       | June 16, 1915      | 17                        | 0       |
| Hutchinson, Morton Clement.....     | New Jersey.....     | Aug. 25, 1915      | 17                        | 4       |
| Ihrig, Russell Million.....         | Utah.....           | June 11, 1915      | 19                        | 6       |
| Jackson, Gordon Macalister.....     | New Jersey.....     | June 7, 1915       | 17                        | 4       |
| Jackson, Henry Melville.....        | At large.....       | Aug. 17, 1915      | 19                        | 7       |
| Jennings, Ralph Edward.....         | New Hampshire.....  | June 15, 1915      | 18                        | 0       |
| Jeter, Thomas Powers.....           | South Carolina..... | June 18, 1915      | 16                        | 10      |
| Johnson, Joseph Saunders, jr.....   | Tennessee.....      | June 17, 1915      | 19                        | 7       |

*Midshipmen of the fourth class—267 members—Continued.*

| Name.  | Appointed from—     | Date of admission. | Age at date of admission. |         |
|--|---------------------|--------------------|---------------------------|---------|
|  |                     |                    | Years.                    | Months. |
| Johnston, James Malcolm.....                   | West Virginia.....  | June 11, 1915      | 18                        | 8       |
| Jones, Bascom Sidney.....                      | Georgia.....        | June 9, 1915       | 17                        | 6       |
| Jones, Harry McCoy.....                        | Oklahoma.....       | June 18, 1915      | 18                        | 8       |
| Kegley, Tracy Mitchell.....                    | Alabama.....        | June 15, 1915      | 16                        | 11      |
| Kell, Eugene Lawrence.....                     | Illinois.....       | June 12, 1915      | 18                        | 6       |
| Kern, Everett Deane.....                       | North Dakota.....   | June 7, 1915       | 18                        | 7       |
| Kiefer, Dixie.....                             | Nebraska.....       | June 8, 1915       | 19                        | 2       |
| Kiernan, James Eugene Joseph.....              | New York.....       | June 10, 1915      | 16                        | 1       |
| Killian, William McKinley <i>c</i> .....       | Nebraska.....       | July 1, 1914       | 17                        | 10      |
| King, Donald Cooper.....                       | Nebraska.....       | Sept. 3, 1915      | 16                        | 6       |
| Kinney, Jefferson, jr.....                     | Virginia.....       | Aug. 23, 1915      | 19                        | 6       |
| Kirkland, George.....                          | Alabama.....        | June 7, 1915       | 20                        | 0       |
| Kirtland, Clayton Wilson <i>a d j</i> .....    | Florida.....        | May 26, 1915       | 19                        | 1       |
| Kirtland, Frederick Richard <i>a d j</i> ..... | Florida.....        | May 26, 1915       | 17                        | 4       |
| Laird, Clair Blossom.....                      | Iowa.....           | June 12, 1915      | 19                        | 6       |
| Lamb, Carl Jacob <i>a h j</i> .....            | Ohio.....           | July 1, 1915       | 20                        | 0       |
| Lamb, Scott Grisell.....                       | Ohio.....           | June 17, 1915      | 18                        | 4       |
| Lannom, Joseph Robert.....                     | Tennessee.....      | June 23, 1915      | 18                        | 11      |
| Lee, Paul Frantz.....                          | Utah.....           | June 22, 1915      | 20                        | 1       |
| Livingstone, William Gaylord.....              | Minnesota.....      | June 7, 1915       | 19                        | 10      |
| Lowry, James Dinsmore, jr.....                 | Kentucky.....       | June 11, 1915      | 20                        | 1       |
| McDermott, John Thomas.....                    | Delaware.....       | June 7, 1915       | 19                        | 4       |
| McDonald, John Bacon, jr <i>j</i> .....        | At large.....       | Sept. 16, 1915     | 18                        | 1       |
| McEathron, Ellsworth Dudley.....               | South Dakota.....   | June 7, 1915       | 17                        | 10      |
| McGaully, Carleton.....                        | Alabama.....        | June 10, 1915      | 17                        | 11      |
| McGurl, Daniel Michael.....                    | Pennsylvania.....   | June 17, 1915      | 18                        | 8       |
| MacNamee, Antoine Joseph.....                  | Nebraska.....       | June 7, 1915       | 17                        | 8       |
| Maichle, Frank Martin.....                     | New York.....       | June 17, 1915      | 19                        | 2       |
| Marsh, William Lawrence.....                   | New York.....       | July 6, 1915       | 19                        | 3       |
| Martin, Daniel Carroll <i>a d j</i> .....      | North Carolina..... | June 4, 1915       | 18                        | 9       |
| Martin, Harold Montgomery.....                 | Illinois.....       | June 16, 1915      | 19                        | 5       |
| Martin, Willment Plunkett.....                 | South Carolina..... | June 10, 1915      | 19                        | 10      |
| Maser, Walther George.....                     | North Dakota.....   | June 10, 1915      | 17                        | 9       |
| Mason, Gorden Hancock <i>a i j</i> .....       | Pennsylvania.....   | May 26, 1915       | 19                        | 5       |
| Mays, William Harold.....                      | Kentucky.....       | June 15, 1915      | 19                        | 3       |
| Maxwell, William Elmore.....                   | Alabama.....        | Sept. 27, 1915     | 18                        | 0       |
| Metzel, Jeffrey Caswell.....                   | Illinois.....       | June 11, 1915      | 18                        | 0       |
| Mills, DeLong.....                             | At large.....       | June 8, 1915       | 17                        | 10      |
| Mills, George Henry <i>a c d</i> .....         | North Carolina..... | June 17, 1914      | 18                        | 10      |

*Midshipmen of the fourth class—267 members—Continued.*

| Name.                                      | Appointed from—           | Date of admission. | Age at date of admission. |         |
|--|---------------------------|--------------------|---------------------------|---------|
|  |                           |                    | Years.                    | Months. |
| Moore, Van Rensselaer <i>j</i> .....       | Pennsylvania.....         | Sept. 3, 1915      | 19                        | 11      |
| Moran, Alfred Patrick, jr <i>j</i> .....   | New York.....             | Sept. 28, 1915     | 19                        | 7       |
| Moran, William Francis.....                | Utah.....                 | Sept. 3, 1915      | 18                        | 3       |
| Morgan, Lyle Newton.....                   | Nebraska.....             | July 12, 1915      | 18                        | 2       |
| Muir, Kenneth Davidson.....                | Michigan.....             | June 10, 1915      | 17                        | 9       |
| Murray, Stuart Shadrick.....               | Oklahoma.....             | June 8, 1915       | 17                        | 3       |
| Naill, Ralph Fancher <i>a d j</i> .....    | Kansas.....               | May 27, 1915       | 19                        | 1       |
| Neal, John.....                            | North Carolina.....       | June 17, 1915      | 18                        | 4       |
| Nelson, Robert Franklin.....               | Georgia.....              | June 12, 1915      | 18                        | 3       |
| Netting, Ralph Bruske.....                 | Michigan.....             | June 9, 1915       | 17                        | 9       |
| Nicholson, Charles Ambrose, 2d....         | New York.....             | June 8, 1915       | 20                        | 2       |
| Noble, Julian Bennett.....                 | Texas.....                | Aug. 3, 1915       | 19                        | 7       |
| Ofstie, Ralph Andrew.....                  | Wisconsin.....            | June 21, 1915      | 17                        | 7       |
| Olds, Hugh Wilson.....                     | Pennsylvania.....         | June 17, 1915      | 20                        | 2       |
| Olsen, Charles Eugene.....                 | Illinois.....             | June 9, 1915       | 17                        | 9       |
| Onley, William Baynard.....                | Delaware.....             | June 7, 1915       | 18                        | 10      |
| O'Rear, George McFadden.....               | Alabama.....              | Aug. 26, 1915      | 19                        | 8       |
| Orr, John Jay.....                         | Michigan.....             | June 11, 1915      | 17                        | 5       |
| Pace, Willis Williamson.....               | Oklahoma.....             | June 17, 1915      | 18                        | 9       |
| Palmer, Charles James.....                 | Montana.....              | June 15, 1915      | 19                        | 8       |
| Parker, Leonard Council <i>a d j</i> ..... | Georgia.....              | May 26, 1915       | 19                        | 11      |
| Patterson, John James, 3d.....             | Pennsylvania.....         | June 17, 1915      | 19                        | 0       |
| Pearsall, Leon Moulton.....                | Georgia.....              | June 10, 1915      | 19                        | 1       |
| Pelzman, Louis Benjamin.....               | District of Columbia..... | June 12, 1915      | 19                        | 2       |
| Peterson, Clement.....                     | Montana.....              | June 15, 1915      | 19                        | 5       |
| Pitre, Antonio Salvator.....               | Connecticut.....          | June 9, 1915       | 19                        | 1       |
| Post, Charles Kintzing <i>k</i> .....      | California.....           | June 30, 1913      | 16                        | 6       |
| Post, Nelson Joseph.....                   | New York.....             | July 30, 1915      | 20                        | 0       |
| Powell, Douglas Appleby.....               | District of Columbia..... | June 16, 1915      | 18                        | 9       |
| Pulliam, Ellis Page.....                   | Wisconsin.....            | June 8, 1915       | 18                        | 1       |
| Ramsey, Logan Carlisle <i>c</i> .....      | Mississippi.....          | June 10, 1914      | 16                        | 4       |
| Rand, Egbert Baxter.....                   | Louisiana.....            | June 15, 1915      | 16                        | 6       |
| Read, Walton Runnells.....                 | Maine.....                | June 7, 1915       | 18                        | 7       |
| Redman, John Roland.....                   | Nevada.....               | June 9, 1915       | 17                        | 4       |
| Rend, Charles Joseph.....                  | Illinois.....             | June 12, 1915      | 19                        | 3       |
| Reynolds, John Leeper.....                 | Alabama.....              | June 11, 1915      | 17                        | 4       |
| Rhoton, Riffel Garrett.....                | Arkansas.....             | June 12, 1915      | 16                        | 3       |
| Richards, Charles Lewis.....               | Connecticut.....          | June 9, 1915       | 17                        | 8       |
| Richardson, Jack Carpenter.....            | California.....           | June 9, 1915       | 18                        | 0       |

*Midshipmen of the fourth class—267 members—Continued.*

| Name.  | Appointed from—     | Date of admission. | Age at date of admission. |         |
|--|---------------------|--------------------|---------------------------|---------|
|  |                     |                    | Years.                    | Months. |
| Roberts, Henry Cheney.....                     | Vermont.....        | June 18, 1915      | 17                        | 11      |
| Roberts, Ralph Henry.....                      | Illinois.....       | June 26, 1915      | 19                        | 9       |
| Rockey, Charles Harry.....                     | Oklahoma.....       | June 16, 1915      | 19                        | 2       |
| Roper, John Wesley.....                        | South Carolina..... | Aug. 26, 1915      | 17                        | 3       |
| Rule, Adrian Ogle, jr.....                     | Missouri.....       | June 8, 1915       | 18                        | 6       |
| Runquist, Elmer Reuben.....                    | Minnesota.....      | June 8, 1915       | 19                        | 6       |
| Rush, Richard McKee.....                       | Maryland.....       | June 16, 1915      | 18                        | 1       |
| Sailor, Hobart Andrew.....                     | Ohio.....           | June 16, 1915      | 18                        | 2       |
| Sample, William Dodge.....                     | At large.....       | June 10, 1915      | 17                        | 3       |
| Sayre, Frank Niles.....                        | Michigan.....       | June 11, 1915      | 18                        | 2       |
| Schaeffer, Valentine Hixson.....               | Ohio.....           | Aug. 20, 1915      | 18                        | 3       |
| Schetky, Gerald Laurence.....                  | Oregon.....         | June 10, 1915      | 19                        | 9       |
| Schiffli, Herman Joseph.....                   | Ohio.....           | June 17, 1915      | 19                        | 11      |
| Schildhauer, Clarence Henry.....               | Wisconsin.....      | Aug. 11, 1915      | 19                        | 7       |
| Schmidt, George Eikel.....                     | Texas.....          | June 29, 1915      | 17                        | 6       |
| Schoeffel, Malcolm Francis.....                | Pennsylvania.....   | July 21, 1915      | 17                        | 3       |
| Seligman, Morton Tinslar <sup>c</sup> .....    | New Mexico.....     | June 13, 1914      | 18                        | 11      |
| Settle, Thomas Greenhow Williams.              | At large.....       | Sept. 16, 1915     | 19                        | 10      |
| Sherritt, Homer Irwin.....                     | Virginia.....       | June 17, 1915      | 19                        | 7       |
| Shope, William Krebs Beresford....             | New York.....       | Oct. 9, 1915       | 17                        | 4       |
| Short, Giles Elza.....                         | Iowa.....           | June 10, 1915      | 19                        | 3       |
| Sinnott, Desmond Joseph.....                   | New York.....       | June 16, 1915      | 18                        | 7       |
| Slocum, Harry Browning.....                    | Arizona.....        | June 11, 1915      | 18                        | 5       |
| Smith, Charles Raymond.....                    | West Virginia.....  | June 18, 1915      | 16                        | 1       |
| Smith, Everett Hovey <sup>a d j</sup> .....    | West Virginia.....  | May 26, 1915       | 19                        | 9       |
| Smith, Eugene Russell.....                     | Illinois.....       | June 10, 1915      | 19                        | 7       |
| Smith, Robert McLanahan, jr.....               | Maryland.....       | June 15, 1915      | 18                        | 9       |
| Spaulding, John William <sup>a c d</sup> ..... | Oklahoma.....       | June 20, 1914      | 17                        | 6       |
| Spaven, John Stuart.....                       | New Jersey.....     | June 10, 1915      | 20                        | 3       |
| Sprague, Albert Tilden, 3d.....                | Massachusetts.....  | June 14, 1915      | 17                        | 3       |
| Staudt, Albert Raymond.....                    | Ohio.....           | June 16, 1915      | 19                        | 3       |
| Stein, Maurice Harris.....                     | Illinois.....       | June 14, 1915      | 19                        | 5       |
| Stevens, Leslie Clark.....                     | Nebraska.....       | June 8, 1915       | 20                        | 4       |
| Strachan, William John <sup>a d j</sup> .....  | New York.....       | May 25, 1915       | 20                        | 1       |
| Sullivan, Philip Valentine.....                | Kansas.....         | June 10, 1915      | 19                        | 4       |
| Surran, Charles La Fayette.....                | Kentucky.....       | June 9, 1915       | 19                        | 1       |
| Sykes, James Bennett.....                      | New York.....       | June 18, 1915      | 19                        | 10      |
| Talbot, Paul Hopkins.....                      | Ohio.....           | June 17, 1915      | 18                        | 2       |
| Tarbutton, William Edward.....                 | Maryland.....       | June 29, 1915      | 20                        | 2       |

*Midshipmen of the fourth class—267 members—Continued.*

| Name.  | Appointed from—    | Date of admission. | Age at date of admission. |         |
|--|--------------------|--------------------|---------------------------|---------|
|  |                    |                    | Years.                    | Months. |
| Thomas, Fred Charles.....                    | Ohio.....          | July 21, 1915      | 19                        | 4       |
| Thomas, John Wesley.....                     | Tennessee.....     | July 1, 1915       | 19                        | 6       |
| Thompson, Paul Bristol.....                  | Arkansas.....      | June 8, 1915       | 18                        | 7       |
| Thurber, Harry Raymond.....                  | Washington.....    | June 17, 1915      | 19                        | 8       |
| Thurston, Arthur Piers.....                  | New Jersey.....    | June 10, 1915      | 19                        | 7       |
| Troost, Franklin Laverne <i>a d j</i> .....  | Michigan.....      | May 26, 1915       | 17                        | 10      |
| Tuggle, Richard Brittain.....                | Kentucky.....      | June 9, 1915       | 17                        | 1       |
| Updegraff, William Nicholas.....             | Utah.....          | June 22, 1915      | 18                        | 5       |
| Veeder, Ten Eyck De Witt.....                | At large.....      | June 8, 1915       | 19                        | 11      |
| von Heimburg, Ernest Herman.....             | Wisconsin.....     | June 21, 1915      | 19                        | 0       |
| Vose, William Cecil.....                     | Massachusetts..... | June 11, 1915      | 19                        | 3       |
| Waldron, Robert George.....                  | Michigan.....      | June 26, 1915      | 18                        | 5       |
| Walker, Harold Ellsworth.....                | Iowa.....          | June 10, 1915      | 18                        | 2       |
| Waller, Franklin Price.....                  | Maryland.....      | June 7, 1915       | 17                        | 6       |
| Warner, Spencer Hubert.....                  | Iowa.....          | June 8, 1915       | 19                        | 5       |
| Welch, Philip Pindell.....                   | Maryland.....      | June 8, 1915       | 17                        | 7       |
| Wells, Seelye Linton.....                    | Colorado.....      | Sept. 18, 1915     | 19                        | 6       |
| Westphal, Frederick August <i>c</i> .....    | Rhode Island.....  | July 18, 1914      | 19                        | 1       |
| Wheyland, Morgan Chisholm.....               | Florida.....       | Sept. 1, 1915      | 19                        | 9       |
| White, Richard Denwood.....                  | Maryland.....      | June 8, 1915       | 19                        | 6       |
| Whitehead, Walter Dexter.....                | Washington.....    | June 17, 1915      | 17                        | 5       |
| Whitson, John Allen <i>c</i> .....           | Mississippi.....   | June 24, 1914      | 20                        | 0       |
| Whittaker, Horace Roy <i>c</i> .....         | Pennsylvania.....  | June 10, 1914      | 19                        | 10      |
| Wildman, Cyril Kennin.....                   | New York.....      | June 17, 1915      | 19                        | 3       |
| Wilkes, Charles.....                         | At large.....      | Aug. 21, 1915      | 18                        | 0       |
| Willenbacher, Franz Otto.....                | New Jersey.....    | June 7, 1915       | 17                        | 9       |
| Williams, John Carmichael <i>a c d</i> ..... | Texas.....         | June 10, 1914      | 18                        | 8       |
| Williams, Roger, jr.....                     | Kentucky.....      | Aug. 30, 1915      | 20                        | 0       |
| Wilson, Frederick Prentiss.....              | New York.....      | June 21, 1915      | 18                        | 10      |
| Winckler, Edgar Ross.....                    | New Jersey.....    | June 16, 1915      | 18                        | 11      |
| Wisenbaker, James Leon.....                  | Georgia.....       | July 20, 1915      | 19                        | 9       |
| Woodman, Herbert Stanley.....                | California.....    | Sept. 8, 1915      | 19                        | 9       |
| Woodward, Crusselle Dewey.....               | Georgia.....       | June 12, 1915      | 17                        | 11      |
| Wright, John Elmer.....                      | Pennsylvania.....  | June 8, 1915       | 19                        | 8       |
| Wynkoop, Thomas Pilmore, jr.....             | Ohio.....          | June 17, 1915      | 18                        | 6       |

*a* See detail for summer practice cruise, 1915.*c* Turned back from class of 1918.*b* On emergency leave when squadron sailed.

Members of this class who made the summer practice cruise, 1915, as indicated opposite their respective names by appropriate letters, are entitled to be accredited with sea service as follows:

*d* 3 months and 3 days. *e* 2 months and 2 days.*j* Readmitted.*e* 12 days.*h* 2 months and 6 days.*k* Turned back from class of 1917 to class of 1918 and later to class of 1919.*f* 2 months and 8 days.*4* 5 months and 27 days.

SUMMARY OF MIDSHIPMEN AT U. S. NAVAL ACADEMY AT  
BEGINNING OF ACADEMIC YEAR 1915-16.

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|                   |     |
|-------------------|-----|
| First class.....  | 189 |
| Second class..... | 228 |
| Third class.....  | 241 |
| Fourth class..... | 260 |
| Total.....        | 918 |



# APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.

October 1, 1914, to October 1, 1915.

## *Appointed ensigns.*

|                          |               |
|--------------------------|---------------|
| Adams, R. R.....         | Class of 1915 |
| McCormick, L. D.....     | Class of 1915 |
| Tovey, H. O.....         | Class of 1915 |
| Sperry, M. L.....        | Class of 1915 |
| Baker, R. N. S.....      | Class of 1915 |
| Nelson, W.....           | Class of 1915 |
| Davis, A. C.....         | Class of 1915 |
| Shofner, W. J.....       | Class of 1915 |
| Manly, J. McC.....       | Class of 1915 |
| Ritchie, O. H.....       | Class of 1915 |
| Kinne, M. T.....         | Class of 1915 |
| Struble, A. D.....       | Class of 1915 |
| Hicks, W. A.....         | Class of 1915 |
| Portz, W. P.....         | Class of 1915 |
| Lewis, L. S.....         | Class of 1915 |
| Culbert, F. P.....       | Class of 1915 |
| Pennoyer, F. W., jr..... | Class of 1915 |
| Bodfish, H.....          | Class of 1915 |
| Perry, B. F.....         | Class of 1915 |
| Bates, R. W.....         | Class of 1915 |
| Moore, L. R.....         | Class of 1915 |
| Bates, J. F., jr.....    | Class of 1915 |
| Glennon, P. T.....       | Class of 1915 |
| Kell, C. O.....          | Class of 1915 |
| Horn, R. De S.....       | Class of 1915 |
| Shoemaker, J. M.....     | Class of 1915 |
| Pike, W. H. A., jr.....  | Class of 1915 |
| Wood, G. H.....          | Class of 1915 |
| Partello, M. C.....      | Class of 1915 |
| Preston, K.....          | Class of 1915 |
| Glover, R. O.....        | Class of 1915 |
| Armstrong, L. V. H.....  | Class of 1915 |
| Powers, M. W.....        | Class of 1915 |
| Rockwell, J. H.....      | Class of 1915 |
| Vickery, H. L.....       | Class of 1915 |
| Glann, A. E.....         | Class of 1915 |
| Godfrey, V. H.....       | Class of 1915 |
| Chenoweth, H. H.....     | Class of 1915 |
| Eldredge, H. G.....      | Class of 1915 |
| Clark, S. B.....         | Class of 1915 |
| Hazlett, E. E., jr.....  | Class of 1915 |
| Lusk, J. C.....          | Class of 1915 |

|                        |               |
|------------------------|---------------|
| Calvert, N. G.....     | Class of 1915 |
| Scott, L. B.....       | Class of 1915 |
| Osborn, C. F.....      | Class of 1915 |
| Lamont, G. P.....      | Class of 1915 |
| Bowman, W. H.....      | Class of 1915 |
| Wynne, W. M. A.....    | Class of 1915 |
| Umsted, S.....         | Class of 1915 |
| Walker, M. J.....      | Class of 1915 |
| Smith, F. B.....       | Class of 1915 |
| Lorenz, W. J.....      | Class of 1915 |
| Rhea, P. McC.....      | Class of 1915 |
| Isaacs, E. V. M.....   | Class of 1915 |
| Burnett, H. P.....     | Class of 1915 |
| McCoach, E. S.....     | Class of 1915 |
| Paddock, H. E.....     | Class of 1915 |
| Dalton, D. M.....      | Class of 1915 |
| Chandler, T. E.....    | Class of 1915 |
| Wiley, H. V.....       | Class of 1915 |
| Graham, I. M.....      | Class of 1915 |
| Shumaker, S. R.....    | Class of 1915 |
| Wagner, F. D.....      | Class of 1915 |
| Matteson, S. H.....    | Class of 1915 |
| Nimitz, O.....         | Class of 1915 |
| Easton, G. H.....      | Class of 1915 |
| Chippendale, B. W..... | Class of 1915 |
| Wurtele, A. R.....     | Class of 1915 |
| Peyton, T. G.....      | Class of 1915 |
| Jenkins, S. P.....     | Class of 1915 |
| Flynn, C. W.....       | Class of 1915 |
| Leonard, N. J.....     | Class of 1915 |
| Granat, W.....         | Class of 1915 |
| Darrow, R. T.....      | Class of 1915 |
| Farrar, R. M.....      | Class of 1915 |
| Clark, C. G.....       | Class of 1915 |
| Thomas, A. C.....      | Class of 1915 |
| Tisdale, R. D.....     | Class of 1915 |
| Grove, G. W.....       | Class of 1915 |
| Confer, W. J.....      | Class of 1915 |
| Barnett, A.....        | Class of 1915 |
| Delpino, J. C.....     | Class of 1915 |
| Graf, H. W.....        | Class of 1915 |
| Small, J. D.....       | Class of 1915 |
| Jondreau, R. J.....    | Class of 1915 |
| Clark, R. W.....       | Class of 1915 |
| Lein, C. L.....        | Class of 1915 |
| Kneip, J. B.....       | Class of 1915 |
| Hill, G. C.....        | Class of 1915 |
| Low, F. S.....         | Class of 1915 |
| Brown, J. P.....       | Class of 1915 |
| Mail, F. M., jr.....   | Class of 1915 |
| Winslow, W.....        | Class of 1915 |
| Huntoon, F. C.....     | Class of 1915 |
| Nunnally, W. J.....    | Class of 1915 |
| Childs, E. W. F.....   | Class of 1915 |

|                        |               |
|------------------------|---------------|
| Wotherspoon, A. S..... | Class of 1915 |
| Morgan, P. C.....      | Class of 1915 |
| Fortson, R. M.....     | Class of 1915 |
| Miller, M. C.....      | Class of 1915 |
| Royal, F. B.....       | Class of 1915 |
| McCrea, J. L.....      | Class of 1915 |
| Spriggs, M. H.....     | Class of 1915 |
| Richards, F. G.....    | Class of 1915 |
| Arnold, M. B.....      | Class of 1915 |
| Withers, N.....        | Class of 1915 |
| Blair, R. H.....       | Class of 1915 |
| Shelly, T.....         | Class of 1915 |
| Henning, E. R.....     | Class of 1915 |
| Dupre, D. D.....       | Class of 1915 |
| Pigman, N. M.....      | Class of 1915 |
| Farnsworth, J. S.....  | Class of 1915 |
| Clarke, H. D.....      | Class of 1915 |
| Breed, E.....          | Class of 1915 |
| Brown, T. G.....       | Class of 1915 |
| Maher, J. E.....       | Class of 1915 |
| Chambers, I. R.....    | Class of 1915 |
| Hatch, A. G.....       | Class of 1915 |
| Smith, A. E.....       | Class of 1915 |
| Wood, L.....           | Class of 1915 |
| Lewis, C. E.....       | Class of 1915 |
| Overesch, H. E.....    | Class of 1915 |
| Maher, S. A.....       | Class of 1915 |
| Harrison, H. H. H..... | Class of 1915 |
| Kiely, R.....          | Class of 1915 |
| Quynn, A. G.....       | Class of 1915 |
| Field, J. M., jr.....  | Class of 1915 |
| Collins, D. M.....     | Class of 1915 |
| King, A. E.....        | Class of 1915 |
| Armstrong, D. W.....   | Class of 1915 |
| Hunter, H. O'D.....    | Class of 1915 |
| Kriner, G. C.....      | Class of 1915 |
| Libenow, F. K.....     | Class of 1915 |
| Richardson, C. G.....  | Class of 1915 |
| Watson, D. C.....      | Class of 1915 |
| Lewis, J. M.....       | Class of 1915 |
| Meyers, H. M.....      | Class of 1915 |
| Burhen, R.....         | Class of 1915 |
| Sprague, J. H.....     | Class of 1915 |
| Gamble, M. G., jr..... | Class of 1915 |
| Hutchinson, M. W.....  | Class of 1915 |
| Campman, J. H.....     | Class of 1915 |
| Schlossbach, I.....    | Class of 1915 |
| Clark, H. S., jr.....  | Class of 1915 |
| Mahoney, J. J.....     | Class of 1915 |
| Christie, R. W.....    | Class of 1915 |
| Parkinson, R. M.....   | Class of 1915 |
| Stedman, L. L.....     | Class of 1915 |
| Kyle, J. R., jr.....   | Class of 1915 |
| Marshall, P.....       | Class of 1915 |

|                       |               |
|-----------------------|---------------|
| Thomas, W. D.....     | Class of 1915 |
| Hoops, L. B.....      | Class of 1915 |
| Fisher, H. A.....     | Class of 1915 |
| Hactor, W. S.....     | Class of 1915 |
| Deets, S. R.....      | Class of 1915 |
| Ray, J. S.....        | Class of 1915 |
| Wedderburn, C. F..... | Class of 1915 |
| Snelling, W. M.....   | Class of 1915 |
| Vickrey, C. C.....    | Class of 1915 |
| Hough, E. B.....      | Class of 1915 |
| Chadwick, J. H.....   | Class of 1915 |
| Stephan, A. R.....    | Class of 1915 |
| Landis, A.....        | Class of 1915 |

*Appointed second lieutenants in the Marine Corps.*

|                       |               |
|-----------------------|---------------|
| Mitchell, R. J.....   | Class of 1915 |
| Burwell, R. O. B..... | Class of 1915 |
| de Roode, L. R.....   | Class of 1915 |
| Minnis, J. A.....     | Class of 1915 |
| Peck, De Witt.....    | Class of 1915 |
| Howard, A. F.....     | Class of 1915 |
| Wright, R. R.....     | Class of 1915 |
| Burstan, R. M.....    | Class of 1915 |
| del Valle, P. A.....  | Class of 1915 |
| O'Neill, O. E.....    | Class of 1915 |

*Dismissed.*

|  |                |
|--|----------------|
| Byers, R. R., class of 1917.....       | June 7, 1915   |
| Cronan, J. G., class of 1917.....      | June 7, 1915   |
| Gill, C. C., class of 1916.....        | June 7, 1915   |
| Nelson, R. M., jr., class of 1915..... | Aug. 16, 1915  |
| Reagle, C. M., class of 1917.....      | Aug. 16, 1915  |
| Walters, A. A., class of 1918.....     | Sept. 9, 1915  |
| Gibson, M. E., class of 1916.....      | Sept. 27, 1915 |
| Brown, J. W., class of 1918.....       | Sept. 27, 1915 |
| LaMotte, R. S., class of 1916.....     | Oct. 1, 1915   |
| Glick, D., class of 1917.....          | Oct. 1, 1915   |
| Bolling A. R., class of 1918.....      | Oct. 1, 1915   |
| Hill, E. H., class of 1918.....        | Oct. 1, 1915   |
| Tuley, C. B., class of 1918.....       | Oct. 1, 1915   |
| Cook, D. C., class of 1918.....        | Oct. 1, 1915   |
| Lowry, E. J., class of 1917.....       | Oct. 29, 1915  |

*Deaths.*

|                                    |               |
|------------------------------------|---------------|
| McCarty, W. L., class of 1917..... | Aug. 15, 1915 |
|------------------------------------|---------------|

*Suspended.*

|                                     |   |
|-------------------------------------|---|
| Minard, D. P., class of 1918.....   | } For one year<br>from<br>Oct. 1, 1915,<br>without pay. |
| Dingwell, P. D., class of 1918..... |   |
| Ives, J. S., class of 1918.....     |   |
| Wilcock, W. C., class of 1918.....  |   |

*Resignations.*

|                                   |               |
|-----------------------------------|---------------|
| Cowley, P. R., class of 1916..... | Oct. 10, 1914 |
| Duke, W. E., class of 1916.....   | Oct. 10, 1914 |
| Lennon, J. J., class of 1916..... | Oct. 10, 1914 |

|  |               |
|--|---------------|
| Gathings, J. C., class of 1917.....          | Oct. 10, 1914 |
| Habrylewicz, L. L., class of 1917.....       | Oct. 10, 1914 |
| Ross, G. E., class of 1917.....              | Oct. 10, 1914 |
| Wilson, G. B., class of 1918.....            | Oct. 10, 1914 |
| Winslow, J. S., class of 1914.....           | Nov. 2, 1914  |
| Nelson, D. D., class of 1916.....            | Nov. 18, 1914 |
| Lahodny, W. J., class of 1914.....           | Nov. 21, 1914 |
| Fox, W. V., class of 1914.....               | Nov. 27, 1914 |
| Pamperin, A. T., class of 1916.....          | Dec. 5, 1914  |
| Lucado, T. J., class of 1917.....            | Jan. 27, 1915 |
| Kirby, L., class of 1915.....                | Jan. 27, 1915 |
| Brightman, A. B., class of 1917.....         | Feb. 6, 1915  |
| Bynon, J. F., jr., class of 1917.....        | Feb. 6, 1915  |
| Foley, F. C., class of 1917.....             | Feb. 6, 1915  |
| Kennedy, J. F., class of 1917.....           | Feb. 6, 1915  |
| Mason, G. H., class of 1917.....             | Feb. 6, 1915  |
| Moore, V. R., class of 1917.....             | Feb. 6, 1915  |
| Smith, H. W., class of 1917.....             | Feb. 6, 1915  |
| Aler, F. V., jr., class of 1918.....         | Feb. 6, 1915  |
| Barnes, L. H., class of 1918.....            | Feb. 6, 1915  |
| Beltz, F. W., class of 1918.....             | Feb. 6, 1915  |
| Blank, L. H., class of 1918.....             | Feb. 6, 1915  |
| Dieckmann, S. E., class of 1918.....         | Feb. 6, 1915  |
| Holliday, C. C., class of 1918.....          | Feb. 6, 1915  |
| Kirtland, C. W., class of 1918.....          | Feb. 6, 1915  |
| Kirtland, F. R., class of 1918.....          | Feb. 6, 1915  |
| Kitchen, W. A., class of 1918.....           | Feb. 6, 1915  |
| Lee, A., class of 1918.....                  | Feb. 6, 1915  |
| Loomis, C. A., class of 1918.....            | Feb. 6, 1915  |
| McDonald, J. B., jr., class of 1918.....     | Feb. 6, 1915  |
| Mac Dowell, C. J., class of 1918.....        | Feb. 6, 1915  |
| Martin, D. C., class of 1918.....            | Feb. 6, 1915  |
| Parker, L. C., class of 1918.....            | Feb. 6, 1915  |
| Robnett, J. D., jr., class of 1918.....      | Feb. 6, 1915  |
| Rodgers, H. T., class of 1918.....           | Feb. 6, 1915  |
| Smith, E. H., class of 1918.....             | Feb. 6, 1915  |
| Spikes, H. W., class of 1918.....            | Feb. 6, 1915  |
| Strachan, W. J., class of 1918.....          | Feb. 6, 1915  |
| Troost, F. L., class of 1918.....            | Feb. 6, 1915  |
| White, N. P., class of 1918.....             | Feb. 6, 1915  |
| Williams-Foote, B. E. P., class of 1918..... | Feb. 6, 1915  |
| Cooper, M. C., class of 1915.....            | Feb. 8, 1915  |
| Kimball, E. A., class of 1917.....           | Feb. 8, 1915  |
| Toy, F. Y., class of 1918.....               | Mar. 1, 1915  |
| Sizer, B. L., class of 1917.....             | Mar. 15, 1915 |
| Peyton, P. B., jr., class of 1918.....       | Apr. 14, 1915 |
| Bollman, J. L., class of 1918.....           | May 1, 1915   |
| Barlow, F. G., class of 1918.....            | May 17, 1915  |
| Marston, O. F., class of 1918.....           | May 28, 1915  |
| Sweet, R. F., class of 1918.....             | May 28, 1915  |
| Davis, J. T., class of 1915.....             | June 3, 1915  |
| French, F. G., class of 1915.....            | June 3, 1915  |
| Friend, T. H. H., class of 1915.....         | June 3, 1915  |
| Marston, F. R., class of 1916.....           | June 8, 1915  |

|   |       |          |
|---|-------|----------|
| Stoffel, E. J., class of 1916.....        | June  | 8, 1915  |
| Tildsley, J. M., class of 1916.....       | June  | 8, 1915  |
| Herndon, C., class of 1917.....           | June  | 8, 1915  |
| Baggett, H. D., class of 1918.....        | June  | 8, 1915  |
| Brown, G. W., class of 1918.....          | June  | 8, 1915  |
| Carroll, E., class of 1918.....           | June  | 8, 1915  |
| Fitzpatrick, T. B., class of 1918.....    | June  | 8, 1915  |
| Lamb, C. J., class of 1918.....           | June  | 8, 1915  |
| Moran, A. P., class of 1918.....          | June  | 8, 1915  |
| Styles, C. H., class of 1918.....         | June  | 8, 1915  |
| Haberkorn, J. A., jr., class of 1918..... | June  | 8, 1915  |
| Hinton, J., class of 1916.....            | June  | 11, 1915 |
| Laferty, P. G., class of 1915.....        | Sept. | 21, 1915 |
| Alexander, W. D., class of 1915.....      | Oct.  | 9, 1915  |
| Dollarhide, E. S., class of 1915.....     | Oct.  | 9, 1915  |
| Grimm, H. F., jr., class of 1915.....     | Oct.  | 9, 1915  |
| Ring, M. L., class of 1915.....           | Oct.  | 9, 1915  |
| Rockwell, S. G., class of 1915.....       | Oct.  | 9, 1915  |
| Parkhurst, T. R., class of 1918.....      | Oct.  | 15, 1915 |
| Burke, T. G., class of 1918.....          | Oct.  | 22, 1915 |
| Svec, W. F., class of 1918.....           | Nov.  | 10, 1915 |

*Retained in next lower class.*

|                         |                                |
|-------------------------|--------------------------------|
| Failing, R. V. A.....   | Class of 1916 to class of 1917 |
| Heath, W. S.....        | Class of 1916 to class of 1917 |
| Meadows, P. L.....      | Class of 1916 to class of 1918 |
| Benson, F. W.....       | Class of 1916 to class of 1917 |
| Gregory, J. W.....      | Class of 1916 to class of 1917 |
| Wessell, L. P.....      | Class of 1916 to class of 1917 |
| Post, C. K.....         | Class of 1917 to class of 1919 |
| Flagg, A. P.....        | Class of 1917 to class of 1918 |
| Eaches, R. M.....       | Class of 1917 to class of 1918 |
| Parkhurst, T. R.....    | Class of 1917 to class of 1918 |
| Grove, C. S., 3d.....   | Class of 1917 to class of 1918 |
| Sobel, H. R.....        | Class of 1917 to class of 1918 |
| Fisher, T. G.....       | Class of 1917 to class of 1918 |
| Craig, A. B.....        | Class of 1917 to class of 1918 |
| Clark, J. J.....        | Class of 1917 to class of 1918 |
| Hutson, A. L.....       | Class of 1917 to class of 1918 |
| Connolly, M. J.....     | Class of 1917 to class of 1918 |
| Waddell, J. E.....      | Class of 1917 to class of 1918 |
| Hopkins, W. H., jr..... | Class of 1917 to class of 1918 |
| Bailliere, T. H. G..... | Class of 1918 to class of 1919 |
| Mills, G. H.....        | Class of 1918 to class of 1919 |
| Spaulding, J. W.....    | Class of 1918 to class of 1919 |
| Williams, J. C.....     | Class of 1918 to class of 1919 |
| Westphal, F. A.....     | Class of 1918 to class of 1919 |
| Gamble, H. G.....       | Class of 1918 to class of 1919 |
| Seligman, M. T.....     | Class of 1918 to class of 1919 |
| Killian, W. M.....      | Class of 1918 to class of 1919 |
| Whitson, J. A.....      | Class of 1918 to class of 1919 |
| Ramsey, L. C.....       | Class of 1918 to class of 1919 |
| Whittaker, H. R.....    | Class of 1918 to class of 1919 |
| Adams, A. S.....        | Class of 1918 to class of 1919 |

## MERIT ROLLS FOR 1914-15.

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Merit rolls, made out annually for each class, show the proficiency of the midshipmen in each branch of study. The numbers given in the table, showing the relative weight of the different branches, are used as coefficients, the final mark in each branch (on a scale of 4) being multiplied by the number assigned to that branch. The sum of the products, after adding the multiple for discipline, is the final mark of the midshipmen for the year, after deducting the penalty for demerits assigned, in accordance with pars. 178-179, Reg. U. S. Naval Academy, 1911.

In the graduating merit roll the final standing for the course is determined by the sum of the yearly multiples.

Midshipmen who attain 85 per cent of the multiple for a year shall be distinguished by a star affixed to their names on the annual merit rolls. (Regs. U. S. Naval Academy, 1911, par. 207.)

The diplomas of midshipmen whose final multiples on the graduating merit roll are not less than 85 per cent of the maximum shall read "passed with distinction;" those whose final multiples are less than 85 per cent but not less than 75 per cent of the maximum, shall read "passed with credit;" and those whose final multiples are less than 75 per cent of the maximum shall read "passed." (Regs. U. S. Naval Academy, 1911, par. 208.)

\* Received 85 per cent of the multiple.

† Found deficient, allowed a reexamination, passed, and continued with class.

‡ Retained in next lower class.

§ Did not graduate with class.

A Absent annual examination by reason of sickness; continued with class subject to delayed examination.

G Turned back into next lower class in accordance with Department's endorsement of Aug. 13, 1915.

H Turned back into next lower class in accordance with Department's letter No. 26283-925:2, of Sept. 30, 1915 (in addition to any deficiencies in studies).

I Turned back into next lower class in accordance with Department's letter N-4/T, of Sept. 20, 1915.

a Absent annual examinations by reason of sickness.

b Deficient at annual examination; to be dropped.

dd Died.

e Deficient on delayed examination; granted reexamination; passed and continued with class.

f Dismissed.

g Deficient at annual examination; reexamined and again found deficient; turned back into next lower class.

h Deficient at annual examination.

i Found physically disqualified at annual examination.

j Passed on physical reexamination.

k Physically rejected on reexamination; continued until next annual physical examination.

*l* Rejected on physical reexamination; again reexamined and rejected; to be reexamined by specialist.

*m* Absent delayed examination.

*n* Granted two months' sick leave, then to be reexamined.

*o* Rejected on physical reexamination.

*p* To be continued under observation and treatment until graduation.

*q* Reexamined and continued subject to later reexamination; again reexamined; qualified.

*r* Resigned.

*s* Suspended.

*t* Reexamined and continued subject to later reexamination; again reexamined and rejected; to be reexamined at end of suspension.

*u* Reexamined and continued subject to later reexamination; again reexamined and rejected; continued until next annual physical examination.

*v* Continued pending further action.

*w* Continued until next annual physical examination.

*x* Rejected at annual physical examination and granted reexamination; resigned before date of reexamination.

*Merit roll for the four years' course of the midshipmen of the first class, 183 members—annual examination, June, 1915.*

| Order<br>of<br>merit. | Names.                   | First<br>year. | Second<br>year. | Third<br>year. | Fourth<br>year. | General<br>aggregate<br>for four<br>years. |
|-----------------------|--------------------------|----------------|-----------------|----------------|-----------------|--|
|                       | Maxima.....              | 80             | 160             | 240            | 320             | 800  |
| *1                    | Adams, R. R.....         | 68. 11         | 139. 61         | 216. 52        | 287. 66         | 711. 90                                    |
| *2                    | McCormick, L. D.....     | 68. 78         | 138. 08         | 209. 13        | 286. 80         | 702. 79                                    |
| #f*3                  | Nelson, R. McK., jr..... | 69. 25         | 137. 05         | 207. 74        | 274. 05         | 688. 09                                    |
| *4                    | Tovey, H. O.....         | 68. 90         | 137. 11         | 204. 64        | 274. 43         | 685. 08                                    |
| *5                    | Sperry, M. L.....        | 65. 45         | 137. 05         | 206. 97        | 274. 60         | 684. 05                                    |
| 6                     | Baker, R. N. S.....      | 67. 59         | 132. 50         | 202. 10        | 274. 39         | 676. 58                                    |
| 7                     | Nelson, W.....           | 59. 96         | 127. 06         | 205. 56        | 280. 34         | 672. 92                                    |
| 8                     | Davis, A. C.....         | 65. 34         | 130. 16         | 204. 85        | 271. 87         | 672. 22                                    |
| 9                     | Shofner, W. J.....       | 64. 51         | 133. 60         | 201. 17        | 271. 54         | 670. 82                                    |
| 10                    | Manly, J. McC.....       | 65. 53         | 130. 42         | 199. 56        | 274. 73         | 670. 24                                    |
| 11                    | Ritchie, O. H.....       | 63. 95         | 132. 21         | 201. 11        | 268. 39         | 665. 66                                    |
| 12                    | Kinne, M. T.....         | 65. 12         | 131. 95         | 201. 75        | 265. 71         | 664. 53                                    |
| 13                    | Struble, A. D.....       | 62. 83         | 128. 61         | 201. 85        | 268. 61         | 661. 90                                    |
| 14                    | Hicks, W. A.....         | 66. 17         | 132. 53         | 195. 71        | 264. 73         | 659. 14                                    |
| 15                    | Portz, W. P.....         | 64. 14         | 130. 02         | 199. 85        | 263. 52         | 657. 53                                    |
| 16                    | Lewis, L. S.....         | 66. 57         | 130. 40         | 192. 40        | 266. 35         | 655. 72                                    |
| 17                    | Mitchell, R. J.....      | 68. 52         | 133. 97         | 194. 25        | 257. 89         | 654. 63                                    |
| 18                    | Culbert, F. P.....       | 66. 47         | 127. 17         | 200. 88        | 253. 52         | 648. 04                                    |
| 19                    | Pennoyer, F. W., jr..... | 64. 76         | 128. 11         | 190. 98        | 263. 19         | 647. 04                                    |
| 20                    | Bodfish, H.....          | 66. 98         | 131. 10         | 192. 43        | 253. 84         | 644. 35                                    |
| 21                    | Perry, B. F.....         | 63. 03         | 124. 01         | 196. 29        | 258. 10         | 641. 43                                    |
| 22                    | Bates, R. W.....         | 65. 55         | 131. 42         | 190. 40        | 253. 96         | 641. 33                                    |
| 23                    | Moore, L. R.....         | 65. 99         | 129. 27         | 188. 21        | 257. 80         | 641. 27                                    |
| 24                    | Bates, J. F., jr.....    | 63. 71         | 125. 18         | 192. 52        | 258. 20         | 639. 61                                    |
| 25                    | Glennon, P. T.....       | 64. 39         | 124. 67         | 185. 93        | 253. 53         | 638. 52                                    |
| 26                    | Kell, C. O.....          | 63. 10         | 126. 32         | 189. 00        | 258. 31         | 636. 73                                    |
| 27                    | Horn, R. de S.....       | 61. 71         | 124. 53         | 190. 92        | 259. 44         | 636. 60                                    |
| 28                    | Shoemaker, J. M.....     | 63. 26         | 128. 48         | 191. 33        | 252. 14         | 635. 21                                    |
| 29                    | Pike, W. H. A., jr.....  | 62. 24         | 127. 10         | 188. 49        | 257. 23         | 635. 06                                    |
| 30                    | Wood, G. H.....          | 66. 35         | 125. 56         | 189. 05        | 252. 72         | 633. 68                                    |
| 31                    | Portello, M. C.....      | 61. 98         | 126. 07         | 190. 19        | 255. 12         | 633. 36                                    |
| 32                    | Preston, K.....          | 63. 65         | 122. 96         | 184. 23        | 262. 07         | 632. 91                                    |
| 33                    | Burwell, R. O. B.....    | 62. 64         | 121. 08         | 193. 01        | 253. 41         | 630. 14                                    |
| 34                    | Glover, R. O.....        | 61. 40         | 124. 54         | 189. 87        | 254. 15         | 629. 96                                    |
| 35                    | Armstrong, L. V. H.....  | 65. 09         | 124. 75         | 185. 16        | 254. 50         | 629. 50                                    |
| 36                    | Powers, M. W.....        | 63. 04         | 124. 65         | 187. 13        | 254. 28         | 629. 10                                    |
| 37                    | Rockwell, J. H.....      | 60. 12         | 121. 86         | 186. 35        | 260. 27         | 628. 60                                    |

*Merit roll for the four years' course of the midshipmen of the first class, 183 members—annual examination, June, 1915—Continued.*

| Order<br>of<br>merit. | Names.                  | First<br>year. | Second<br>year. | Third<br>year. | Fourth<br>year. | General<br>aggregate<br>for four<br>years. |
|-----------------------|-------------------------|----------------|-----------------|----------------|-----------------|--|
|                       | Maxima.....             | 80             | 160             | 240            | 320             | 800  |
| ior38                 | Laferty, P. G.....      | 60. 71         | 122. 54         | 189. 99        | 254. 99         | 628. 23                                    |
| 39                    | Vickery, H. L.....      | 60. 76         | 125. 25         | 186. 51        | 255. 38         | 627. 90                                    |
| 40                    | Glann, A. E.....        | 60. 42         | 123. 15         | 192. 74        | 251. 30         | 627. 61                                    |
| 41                    | Godfrey, V. H.....      | 62. 09         | 127. 50         | 190. 58        | 245. 60         | 625. 77                                    |
| 42                    | Chenoweth, H. H.....    | 62. 78         | 121. 11         | 188. 24        | 253. 05         | 625. 18                                    |
| 43                    | de Roode, L. R.....     | 64. 07         | 128. 11         | 186. 30        | 246. 29         | 624. 77                                    |
| 44                    | Eldredge, H. G.....     | 62. 45         | 124. 16         | 190. 74        | 247. 40         | 624. 75                                    |
| 45                    | Clark, S. B.....        | 61. 65         | 120. 30         | 189. 40        | 248. 23         | 619. 58                                    |
| 46                    | Hazlett, E. E., jr..... | 61. 41         | 120. 51         | 187. 48        | 249. 56         | 618. 96                                    |
| 47                    | Lusk, J. C.....         | 62. 21         | 120. 93         | 185. 43        | 249. 23         | 617. 80                                    |
| 48                    | Calvert, N. G.....      | 61. 93         | 122. 63         | 184. 71        | 248. 09         | 617. 36                                    |
| 49                    | Scott, L. B.....        | 64. 95         | 122. 67         | 183. 04        | 246. 29         | 616. 95                                    |
| 50                    | Osborn, C. F.....       | 61. 70         | 124. 39         | 183. 80        | 246. 34         | 616. 23                                    |
| 51                    | Lamont, G. P.....       | 64. 18         | 121. 56         | 182. 74        | 246. 91         | 615. 39                                    |
| 52                    | Bowman, W. H.....       | 60. 79         | 121. 94         | 181. 83        | 248. 52         | 613. 08                                    |
| 53                    | Wynne, W. M. A.....     | 62. 88         | 129. 24         | 185. 61        | 233. 37         | 611. 10                                    |
| 54                    | Umsted, S.....          | 62. 57         | 118. 54         | 182. 54        | 247. 43         | 611. 08                                    |
| 55                    | Walker, M. J.....       | 60. 61         | 121. 62         | 184. 04        | 243. 86         | 610. 13                                    |
| 56                    | Smith, F. B.....        | 59. 27         | 121. 68         | 184. 55        | 244. 12         | 609. 62                                    |
| 57                    | Lorenz, W. J.....       | 61. 16         | 119. 98         | 184. 38        | 244. 03         | 609. 55                                    |
| 58                    | Rhea, P. McC.....       | 60. 93         | 122. 83         | 179. 00        | 246. 78         | 609. 54                                    |
| 59                    | Isaacs, E. V. M.....    | 62. 07         | 120. 13         | 183. 24        | 243. 77         | 609. 21                                    |
| 60                    | Burnett, H. P.....      | 63. 47         | 120. 90         | 181. 56        | 242. 71         | 608. 64                                    |
| 61                    | Minnis, J. A.....       | 61. 35         | 125. 24         | 186. 10        | 235. 86         | 608. 55                                    |
| 62                    | McCoach, E. S.....      | 60. 73         | 120. 40         | 176. 08        | 249. 81         | 607. 02                                    |
| 63                    | Paddock, H. E.....      | 59. 60         | 118. 40         | 181. 65        | 246. 68         | 606. 33                                    |
| 64                    | Dalton, D. MacL.....    | 57. 67         | 119. 57         | 181. 60        | 247. 36         | 606. 20                                    |
| 65                    | Chandler, T. E.....     | 56. 83         | 116. 72         | 182. 25        | 250. 08         | 605. 88                                    |
| 66                    | Wiley, H. V.....        | 59. 32         | 121. 51         | 183. 56        | 241. 20         | 605. 59                                    |
| 67                    | Graham, I. M.....       | 58. 73         | 117. 28         | 183. 51        | 245. 84         | 605. 36                                    |
| 68                    | Shumaker, S. R.....     | 61. 06         | 121. 38         | 183. 20        | 239. 28         | 604. 92                                    |
| 69                    | Wagner, F. D.....       | 63. 13         | 119. 28         | 178. 34        | 243. 99         | 604. 74                                    |
| 70                    | Matteson, S. H.....     | 63. 02         | 120. 93         | 183. 20        | 237. 58         | 604. 73                                    |
| 71                    | Peck, De W.....         | 57. 76         | 118. 89         | 179. 78        | 248. 26         | 604. 69                                    |
| 72                    | Nimitz, O.....          | 56. 42         | 120. 17         | 183. 68        | 244. 28         | 604. 55                                    |
| 73                    | Easton, G. H.....       | 62. 50         | 124. 56         | 178. 57        | 238. 48         | 604. 11                                    |
| 74                    | Chippendale, B. W.....  | 57. 45         | 114. 01         | 180. 89        | 251. 71         | 604. 06                                    |
| 75                    | Wurtele, A. R.....      | 61. 36         | 120. 88         | 182. 25        | 238. 89         | 603. 38                                    |

*Merit roll for the four years' course of the midshipmen of the first class, 183 members—annual examination, June, 1915—Continued.*

| Order<br>of<br>merit. | Names.                 | First<br>year. | Second<br>year. | Third<br>year. | Fourth<br>year. | General<br>aggregate<br>for four<br>years. |
|-----------------------|------------------------|----------------|-----------------|----------------|-----------------|--|
|                       | Maxima.....            | 80             | 160             | 240            | 320             | 800  |
| 76                    | Peyton, T. G.....      | 57. 77         | 115. 65         | 181. 52        | 248. 25         | 603. 19                                    |
| 77                    | Jenkins, S. P.....     | 61. 23         | 118. 90         | 182. 20        | 240. 21         | 602. 54                                    |
| 78                    | Flynn, C. W.....       | 60. 94         | 117. 06         | 176. 17        | 248. 08         | 602. 25                                    |
| 79                    | Leonard, N. J.....     | 56. 98         | 116. 96         | 181. 40        | 246. 08         | 601. 42                                    |
| 80                    | Granat, W.....         | 59. 17         | 119. 38         | 183. 27        | 239. 32         | 601. 14                                    |
| 81                    | Darrow, R. T.....      | 64. 76         | 116. 42         | 172. 50        | 247. 11         | 600. 79                                    |
| 82                    | Farrar, R. M.....      | 61. 19         | 116. 28         | 179. 55        | 242. 61         | 599. 63                                    |
| 83                    | Clark, C. G.....       | 58. 88         | 117. 33         | 179. 17        | 244. 08         | 599. 46                                    |
| 84                    | Thomas, A. C.....      | 64. 24         | 117. 04         | 177. 57        | 239. 57         | 598. 42                                    |
| for 85                | Rockwell, S. G.....    | 62. 71         | 117. 51         | 173. 11        | 242. 63         | 598. 06                                    |
| for 86                | French, F. G.....      | 60. 24         | 121. 76         | 189. 06        | 226. 69         | 597. 75                                    |
| 87                    | Tisdale, R. D.....     | 63. 55         | 124. 12         | 174. 30        | 234. 79         | 596. 76                                    |
| 88                    | Grove, G. W.....       | 59. 30         | 120. 65         | 173. 69        | 242. 80         | 596. 44                                    |
| 89                    | Confer, W. J.....      | 58. 87         | 117. 98         | 175. 96        | 243. 53         | 596. 34                                    |
| 90                    | Barnett, A.....        | 61. 18         | 117. 51         | 181. 59        | 235. 80         | 596. 08                                    |
| 91                    | Delfino, J. C.....     | 61. 06         | 123. 24         | 174. 11        | 235. 83         | 594. 24                                    |
| 92                    | Graf, H. W.....        | 59. 81         | 115. 59         | 180. 39        | 237. 78         | 593. 57                                    |
| 93                    | Small, J. D.....       | 60. 98         | 125. 08         | 180. 46        | 226. 54         | 593. 06                                    |
| 94                    | Jondreau, R. J.....    | 58. 14         | 117. 83         | 178. 96        | 237. 86         | 592. 79                                    |
| 95                    | Clark, R. W.....       | 61. 30         | 117. 95         | 177. 57        | 235. 27         | 592. 09                                    |
| 96                    | Lein, C. L.....        | 58. 14         | 114. 92         | 183. 18        | 234. 46         | 590. 70                                    |
| 97                    | Kneip, J. B.....       | 59. 23         | 117. 54         | 174. 46        | 239. 27         | 590. 50                                    |
| 98                    | Hill, G. C.....        | 60. 60         | 119. 60         | 177. 56        | 232. 50         | 590. 26                                    |
| 99                    | Low, F. S.....         | 58. 46         | 115. 06         | 177. 07        | 239. 14         | 589. 73                                    |
| 100                   | Brown, J. P.....       | 56. 62         | 114. 32         | 175. 11        | 243. 14         | 589. 19                                    |
| for 101               | Alexander, W. D.....   | 56. 67         | 112. 78         | 177. 79        | 241. 36         | 588. 60                                    |
| 102                   | Mail, F. M., jr.....   | 56. 68         | 117. 02         | 175. 31        | 239. 31         | 588. 32                                    |
| 103                   | Winslow, W.....        | 62. 65         | 115. 64         | 172. 43        | 237. 43         | 588. 15                                    |
| 104                   | Huntoon, F. C.....     | 59. 41         | 122. 05         | 173. 89        | 232. 50         | 587. 85                                    |
| 105                   | Nunnally, W. J.....    | 62. 67         | 120. 89         | 173. 58        | 230. 43         | 587. 57                                    |
| 106                   | Childs, E. W. F.....   | 59. 38         | 117. 54         | 174. 37        | 235. 34         | 586. 63                                    |
| 107                   | Howard, A. F.....      | 57. 26         | 113. 52         | 177. 12        | 237. 62         | 585. 52                                    |
| 108                   | Wright, R. R.....      | 56. 35         | 110. 88         | 178. 30        | 239. 49         | 585. 02                                    |
| 109                   | Wotherspoon, A. S..... | 61. 14         | 118. 02         | 173. 58        | 232. 15         | 584. 89                                    |
| 110                   | Morgan, P. C.....      | 60. 56         | 119. 67         | 175. 35        | 229. 28         | 584. 86                                    |
| for 111               | Fortson, R. M.....     | 56. 35         | 113. 92         | 176. 83        | 237. 28         | 584. 38                                    |
| 112                   | Miller, M. C.....      | 59. 23         | 112. 71         | 172. 74        | 239. 13         | 583. 81                                    |
| 113                   | Royal, F. B.....       | 58. 67         | 113. 23         | 172. 75        | 238. 20         | 582. 85                                    |

*Merit roll for the four years' course of the midshipmen of the first class, 183 members—annual examination, June, 1915—Continued.*

| Order of merit. | Names.                 | First year. | Second year. | Third year. | Fourth year. | General aggregate for four years. |
|-----------------|------------------------|-------------|--------------|-------------|--------------|-----------------------------------|
|                 | Maxima.....            | 80          | 160          | 240         | 320          | 800                               |
| 114             | McCrea, J. L.....      | 59.00       | 116.20       | 174.04      | 233.46       | 582.70                            |
| 115             | Spriggs, M. H.....     | 58.96       | 117.55       | 171.05      | 233.85       | 581.41                            |
| #116            | Friend, T. H. H.....   | 61.39       | 119.51       | 177.65      | 222.69       | 581.24                            |
| 117             | Richards, F. G.....    | 62.78       | 114.29       | 170.35      | 232.14       | 579.56                            |
| 118             | Arnold, M. B.....      | 57.69       | 120.77       | 170.13      | 230.70       | 579.29                            |
| 119             | Withers, N.....        | 58.52       | 119.41       | 165.83      | 234.58       | 578.34                            |
| 120             | Blair, R. H.....       | 57.42       | 113.55       | 170.19      | 237.16       | 578.32                            |
| 121             | Shelly, T.....         | 61.01       | 111.18       | 169.80      | 235.91       | 577.90                            |
| 122             | Henning, E. R.....     | 60.08       | 116.95       | 176.78      | 223.83       | 577.64                            |
| 123             | Burstan, R. M.....     | 53.27       | 113.27       | 176.86      | 234.14       | 577.54                            |
| 124             | Dupre, D. D.....       | 57.68       | 117.56       | 173.60      | 228.55       | 577.39                            |
| 125             | Pigman, N. M.....      | 61.29       | 115.61       | 171.56      | 228.83       | 577.29                            |
| 126             | Farnsworth, J. S.....  | 57.99       | 113.24       | 166.18      | 239.00       | 576.41                            |
| 127             | Clarke, H. D.....      | 55.09       | 114.44       | 169.41      | 237.03       | 575.97                            |
| 128             | Breed, E.....          | 55.42       | 114.27       | 175.83      | 229.23       | 575.75                            |
| 129             | Brown, T. G.....       | 58.59       | 113.96       | 169.63      | 233.17       | 575.35                            |
| 130             | Maher, J. E.....       | 60.16       | 110.79       | 170.53      | 232.35       | 573.83                            |
| 131             | Chambers, I. R.....    | 58.06       | 110.54       | 172.62      | 232.20       | 573.42                            |
| 132             | Hatch, A. G.....       | 57.53       | 113.92       | 173.52      | 228.43       | 573.40                            |
| 133             | Smith, A. E.....       | 59.34       | 117.22       | 167.06      | 229.72       | 573.34                            |
| 134             | Wood, L.....           | 57.65       | 110.20       | 172.20      | 232.30       | 572.35                            |
| 135             | Lewis, C. E.....       | 56.53       | 112.60       | 172.00      | 231.21       | 572.34                            |
| 136             | Overesch, H. E.....    | 58.56       | 112.83       | 167.74      | 232.71       | 571.84                            |
| 137             | Maher, S. A.....       | 58.18       | 112.66       | 171.82      | 228.46       | 571.12                            |
| 138             | Harrison, H. H. H..... | 61.91       | 118.23       | 170.22      | 219.77       | 570.13                            |
| 139             | Kiely, R.....          | 61.48       | 116.02       | 169.49      | 223.13       | 570.12                            |
| 140             | del Valle, P. A.....   | 62.14       | 117.67       | 172.53      | 217.63       | 569.97                            |
| 141             | Quynn, A. G.....       | 57.90       | 114.05       | 171.73      | 225.47       | 569.15                            |
| 142             | Field, J. M., jr.....  | 63.70       | 115.74       | 166.06      | 222.87       | 568.37                            |
| 143             | Collins, D. M.....     | 59.64       | 111.54       | 163.42      | 230.66       | 567.26                            |
| 144             | King, A. E.....        | 55.60       | 113.78       | 171.02      | 226.70       | 567.10                            |
| 145             | Armstrong, D. W.....   | 57.81       | 112.72       | 169.59      | 226.11       | 566.23                            |
| 146             | Hunter, H. O'D.....    | 53.12       | 112.10       | 169.20      | 231.10       | 565.52                            |
| 147             | Kriner, G. C.....      | 56.26       | 111.31       | 168.34      | 228.51       | 564.42                            |
| 148             | Libenow, F. K.....     | 60.54       | 115.01       | 167.63      | 220.80       | 563.98                            |
| 149             | Richardson, C. G.....  | 55.77       | 113.13       | 169.96      | 224.14       | 563.00                            |
| 150             | Watson, D. C.....      | 55.68       | 108.67       | 169.63      | 228.89       | 562.87                            |
| 151             | Lewis, J. M.....       | 57.79       | 113.08       | 168.22      | 222.45       | 561.54                            |

*Merit roll for the four years' course of the midshipmen of the first class, 183 members—annual examination, June, 1915—Continued.*

| Order of merit. | Names.                  | First year. | Second year. | Third year. | Fourth year. | General aggregate for four years. |
|-----------------|-------------------------|-------------|--------------|-------------|--------------|-----------------------------------|
|                 | Maxima .....            | 80          | 160          | 240         | 320          | 800                               |
| 152             | Meyers, H. M. ....      | 55.93       | 107.84       | 174.27      | 222.34       | 560.38                            |
| 153             | Burhen, R. ....         | 56.27       | 112.49       | 169.80      | 221.14       | 559.70                            |
| 154             | O'Neill, O. E. ....     | 59.35       | 108.84       | 165.94      | 225.54       | 559.67                            |
| 155             | Sprague, J. H. ....     | 55.28       | 110.66       | 169.63      | 223.07       | 558.64                            |
| 156             | Gamble, M. G., jr. .... | 56.81       | 110.67       | 164.69      | 226.35       | 558.52                            |
| 157             | Hutchinson, M. W. ....  | 57.17       | 110.65       | 168.85      | 221.50       | 558.17                            |
| 158             | Campman, J. H. ....     | 58.17       | 115.07       | 164.63      | 220.11       | 557.98                            |
| 159             | Schlossbach, I. ....    | 55.84       | 112.99       | 167.73      | 220.86       | 557.42                            |
| ior160          | Ring, M. L. ....        | 59.90       | 113.86       | 170.46      | 211.11       | 555.33                            |
| 161             | Clark, H. S., jr. ....  | 56.41       | 115.11       | 164.40      | 219.10       | 555.02                            |
| 162             | Mahoney, J. J. ....     | 60.11       | 113.42       | 164.95      | 216.43       | 554.91                            |
| 163             | Christie, R. W. ....    | 57.00       | 111.56       | 168.63      | 216.69       | 553.88                            |
| 164             | Parkinson, R. M. ....   | 56.77       | 112.79       | 170.12      | 213.38       | 553.06                            |
| 165             | Stedman, L. L. ....     | 55.38       | 107.55       | 161.12      | 228.13       | 552.18                            |
| 166             | Kyle, J. R., jr. ....   | 54.78       | 106.92       | 168.16      | 221.77       | 551.63                            |
| 167             | Marshall, P. ....       | 58.21       | 112.49       | 167.07      | 210.91       | 548.68                            |
| 168             | Thomas, W. D. ....      | 55.31       | 111.57       | 162.28      | 217.28       | 546.44                            |
| 169             | Hoops, L. B. ....       | 56.18       | 115.15       | 165.95      | 208.72       | 546.00                            |
| 170             | Fisher, H. A. ....      | 56.14       | 106.41       | 164.09      | 218.69       | 545.33                            |
| 171             | Hactor, W. S. ....      | 55.95       | 108.30       | 167.25      | 213.53       | 545.03                            |
| 172             | Deets, S. R. ....       | 52.95       | 106.16       | 163.08      | 221.53       | 543.72                            |
| 173             | Ray, J. S. ....         | 53.96       | 105.16       | 162.46      | 220.90       | 542.48                            |
| 174             | Wedderburn, C. F. ....  | 52.64       | 106.21       | 167.16      | 215.76       | 541.77                            |
| 175             | Snelling, W. M. ....    | 51.74       | 108.85       | 169.63      | 209.58       | 539.80                            |
| 176             | Vickrey, C. C. ....     | 52.12       | 111.40       | 162.32      | 212.95       | 538.79                            |
| ior177          | Grimm, H. F., jr. ....  | 53.69       | 107.09       | 162.62      | 214.96       | 538.36                            |
| ior178          | Dollarhide, E. S. ....  | 55.64       | 109.94       | 157.45      | 214.77       | 537.80                            |
| 179             | Hough, E. B. ....       | 56.26       | 106.23       | 161.89      | 212.94       | 537.32                            |
| 180             | Chadwick, J. H. ....    | 57.67       | 111.76       | 158.77      | 208.71       | 536.91                            |
| 181             | Stephan, A. R. ....     | 55.29       | 104.87       | 158.80      | 216.82       | 535.78                            |
| 182             | Landis, A. ....         | 57.53       | 104.04       | 160.63      | 211.23       | 533.43                            |
| #r183           | Davis, J. T. ....       | 58.00       | 108.25       | 163.91      | 193.70       | 523.86                            |

*Merit roll of the midshipmen of the graduating class for the last year of*

| Order of general merit for the academic year. | Names.                   | International law. | Seamanship. | Guns and mines. | Ballistics and fire control. | Theoretical navigation. | Compass deviation and surveying. |
|---|--------------------------|--------------------|-------------|-----------------|------------------------------|-------------------------|----------------------------------|
|   | Maxima.....              | 24                 | 36          | 32              | 28                           | 24                      | 28                               |
| *1  | Adams, R. R.....         | 21. 24             | 32. 85      | 29. 04          | 26. 39                       | 22. 14                  | 25. 13                           |
| *2  | McCormick, L. D.....     | 21. 36             | 33. 21      | 28. 88          | 25. 83                       | 22. 56                  | 26. 46                           |
| *3  | Nelson, W.....           | 21. 00             | 31. 50      | 28. 88          | 25. 62                       | 21. 84                  | 24. 36                           |
| *4  | Manly, J. McC.....       | 20. 40             | 30. 87      | 27. 20          | 25. 20                       | 21. 06                  | 24. 01                           |
| *5  | Sperry, M. L.....        | 20. 82             | 30. 60      | 28. 08          | 25. 20                       | 21. 60                  | 23. 59                           |
| *6  | Tovey, H. O.....         | 20. 34             | 31. 32      | 28. 56          | 24. 43                       | 20. 22                  | 24. 36                           |
| *7  | Baker, R. N. S.....      | 21. 12             | 31. 32      | 28. 16          | 25. 48                       | 21. 18                  | 23. 66                           |
| #*8   | Nelson, R. McK., jr..... | 18. 60             | 28. 71      | 28. 48          | 24. 22                       | 21. 90                  | 23. 94                           |
| 9   | Davis, A. C.....         | 21. 48             | 32. 22      | 27. 60          | 25. 13                       | 20. 82                  | 23. 80                           |
| 10  | Shofner, W. J.....       | 21. 24             | 31. 77      | 26. 80          | 25. 83                       | 20. 40                  | 23. 94                           |
| 11  | Struble, A. D.....       | 19. 92             | 30. 15      | 28. 00          | 24. 15                       | 21. 96                  | 25. 41                           |
| 12  | Ritchie, O. H.....       | 21. 30             | 32. 31      | 26. 16          | 24. 15                       | 21. 30                  | 23. 45                           |
| 13  | Lewis, L. S.....         | 19. 32             | 29. 97      | 25. 84          | 24. 22                       | 20. 34                  | 24. 29                           |
| 14  | Kinne, M. T.....         | 19. 86             | 30. 15      | 26. 24          | 24. 15                       | 21. 66                  | 24. 57                           |
| 15  | Hicks, W. A.....         | 19. 50             | 29. 61      | 27. 12          | 24. 64                       | 20. 22                  | 23. 73                           |
| 16  | Portz, W. P.....         | 20. 22             | 28. 26      | 26. 88          | 23. 17                       | 21. 18                  | 21. 77                           |
| 17  | Pennoyer, F. W., jr..... | 19. 14             | 28. 80      | 27. 84          | 24. 43                       | 20. 10                  | 22. 75                           |
| 18  | Preston, K.....          | 19. 38             | 30. 15      | 26. 72          | 25. 41                       | 20. 40                  | 22. 54                           |
| 19  | Rockwell, J. H.....      | 20. 16             | 29. 79      | 25. 36          | 22. 89                       | 20. 10                  | 22. 19                           |
| 20  | Horn, R. de S.....       | 20. 22             | 30. 78      | 25. 44          | 24. 99                       | 18. 84                  | 21. 35                           |
| 21  | Kell, C. O.....          | 18. 36             | 28. 53      | 26. 56          | 23. 73                       | 19. 68                  | 22. 19                           |
| 22  | Bates, J. F., jr.....    | 18. 48             | 26. 73      | 28. 80          | 22. 96                       | 20. 52                  | 23. 03                           |
| 23  | Perry, B. F.....         | 19. 62             | 28. 08      | 27. 84          | 23. 87                       | 20. 58                  | 23. 31                           |
| 24  | Mitchell, R. J.....      | 18. 96             | 26. 91      | 28. 08          | 22. 54                       | 21. 06                  | 24. 57                           |
| 25  | Moore, L. R.....         | 19. 26             | 28. 44      | 26. 72          | 24. 22                       | 19. 92                  | 22. 75                           |
| 26  | Pike, W. H. A., jr.....  | 20. 34             | 29. 07      | 27. 20          | 25. 34                       | 20. 46                  | 22. 61                           |
| 27  | Vickery, H. L.....       | 19. 92             | 29. 16      | 23. 68          | 24. 01                       | 19. 86                  | 22. 33                           |
| 28  | Partello, M. C.....      | 20. 22             | 30. 33      | 26. 08          | 23. 59                       | 18. 84                  | 21. 98                           |
| ior29   | Laferty, P. G.....       | 19. 74             | 29. 16      | 25. 28          | 24. 22                       | 19. 26                  | 23. 66                           |
| 30  | Armstrong, L. V. H.....  | 19. 68             | 29. 07      | 26. 88          | 24. 57                       | 17. 52                  | 20. 86                           |
| 31  | Powers, M. W.....        | 19. 74             | 28. 44      | 25. 28          | 24. 22                       | 18. 42                  | 19. 81                           |
| 32  | Glover, R. O.....        | 18. 66             | 28. 08      | 26. 56          | 23. 45                       | 20. 28                  | 22. 82                           |
| 33  | Bates, R. W.....         | 18. 42             | 29. 25      | 26. 56          | 23. 52                       | 18. 42                  | 21. 14                           |
| 34  | Bodfish, H.....          | 20. 10             | 30. 06      | 24. 72          | 23. 03                       | 19. 14                  | 20. 86                           |
| 35  | Glennon, P. T.....       | 19. 26             | 30. 51      | 23. 36          | 23. 17                       | 17. 70                  | 21. 49                           |
| 36  | Culbert, F. P.....       | 18. 54             | 28. 62      | 27. 20          | 22. 96                       | 19. 98                  | 21. 14                           |

*the academic course—annual examination, June, 1915—183 members.*

| Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. | Demerits (subtract). | Aggregate (fourth year). |
|---------------------|-----------|---------------------------|-------------------------|-------------------|----------|-------------|------------------|----------------------|--------------------------|
| 24                  | 16        | 24                        | 24                      | 12                | 4        | 32          | 12               |                      | 320                      |
| 21.42               | 13.20     | 21.96                     | 21.66                   | 10.99             | 3.57     | 28.48       | 10.59            | 1.00                 | 287.66                   |
| 21.18               | 14.84     | 20.64                     | 21.96                   | 10.10             | 3.43     | 27.04       | 10.71            | 1.40                 | 286.80                   |
| 20.94               | 14.80     | 21.06                     | 21.96                   | 9.41              | 3.34     | 25.60       | 10.83            | .80                  | 280.34                   |
| 21.60               | 13.24     | 20.88                     | 21.48                   | 9.57              | 3.52     | 26.96       | 10.14            | 1.40                 | 274.73                   |
| 20.70               | 12.36     | 21.00                     | 21.54                   | 9.67              | 3.22     | 26.16       | 10.56            | .50                  | 274.60                   |
| 20.52               | 12.12     | 20.88                     | 20.16                   | 11.04             | 3.38     | 27.28       | 10.32            | .50                  | 274.43                   |
| 20.64               | 13.20     | 21.42                     | 20.88                   | 10.59             | 3.70     | 25.52       | 9.42             | 1.90                 | 274.39                   |
| 21.18               | 13.80     | 21.72                     | 22.26                   | 10.62             | 2.87     | 26.16       | 11.19            | 1.60                 | 274.05                   |
| 22.50               | 13.36     | 19.92                     | 20.88                   | 10.26             | 3.60     | 25.44       | 10.26            | 5.40                 | 271.87                   |
| 20.58               | 13.20     | 20.28                     | 21.84                   | 9.31              | 3.51     | 23.44       | 10.20            | .80                  | 271.54                   |
| 21.06               | 13.24     | 20.88                     | 21.12                   | 8.56              | 2.91     | 26.00       | 10.35            | 5.10                 | 268.61                   |
| 20.88               | 13.88     | 21.24                     | 21.18                   | 10.61             | 3.16     | 23.76       | 8.91             | 3.90                 | 268.39                   |
| 20.94               | 12.88     | 20.70                     | 20.94                   | 10.70             | 3.18     | 25.12       | 10.41            | 2.50                 | 266.35                   |
| 20.04               | 12.72     | 19.86                     | 21.24                   | 8.87              | 3.54     | 25.44       | 9.57             | 2.20                 | 265.71                   |
| 20.46               | 12.00     | 19.26                     | 20.76                   | 9.92              | 3.20     | 26.56       | 9.75             | 2.00                 | 264.73                   |
| 20.46               | 12.16     | 21.24                     | 21.54                   | 10.20             | 3.07     | 25.20       | 8.97             | .80                  | 263.52                   |
| 19.86               | 13.36     | 20.58                     | 20.52                   | 10.47             | 3.11     | 24.80       | 9.63             | 2.20                 | 263.19                   |
| 19.92               | 12.72     | 18.54                     | 20.16                   | 10.11             | 2.83     | 25.20       | 9.39             | 1.40                 | 262.07                   |
| 20.52               | 12.44     | 20.58                     | 21.60                   | 9.87              | 3.16     | 24.72       | 9.39             | 2.50                 | 260.27                   |
| 20.10               | 12.36     | 19.32                     | 20.52                   | 9.64              | 3.22     | 24.88       | 9.78             | 2.00                 | 259.44                   |
| 18.90               | 12.24     | 19.68                     | 19.56                   | 9.79              | 3.00     | 27.12       | 9.57             | .60                  | 258.31                   |
| 19.56               | 12.52     | 22.38                     | 21.72                   | 7.98              | 2.76     | 25.12       | 9.24             | 3.60                 | 258.20                   |
| 18.90               | 12.40     | 20.04                     | 20.28                   | 9.30              | 2.98     | 24.16       | 9.54             | 2.80                 | 258.10                   |
| 20.52               | 12.16     | 20.82                     | 19.38                   | 8.92              | 2.83     | 25.76       | 10.38            | 5.00                 | 257.89                   |
| 18.06               | 12.12     | 19.56                     | 19.38                   | 10.49             | 3.62     | 25.52       | 9.84             | 2.10                 | 257.80                   |
| 18.96               | 13.24     | 20.52                     | 20.58                   | 9.39              | 3.24     | 24.72       | 9.36             | 7.80                 | 257.23                   |
| 20.64               | 12.96     | 19.62                     | 19.62                   | 8.09              | 3.06     | 25.36       | 9.87             | 2.80                 | 255.38                   |
| 19.14               | 12.40     | 21.48                     | 19.98                   | 9.42              | 3.03     | 25.84       | 10.59            | 7.80                 | 255.12                   |
| 19.32               | 11.76     | 18.90                     | 19.20                   | 8.56              | 2.97     | 24.32       | 9.54             | .90                  | 254.99                   |
| 19.68               | 12.44     | 18.12                     | 20.58                   | 9.19              | 2.91     | 24.40       | 9.90             | 1.30                 | 254.50                   |
| 20.64               | 12.60     | 19.92                     | 19.02                   | 9.00              | 3.27     | 24.56       | 9.66             | .30                  | 254.28                   |
| 18.48               | 12.72     | 18.06                     | 19.14                   | 8.21              | 3.16     | 27.04       | 9.99             | 2.50                 | 254.15                   |
| 19.38               | 12.52     | 18.30                     | 19.50                   | 9.99              | 3.33     | 25.92       | 9.51             | 1.80                 | 253.96                   |
| 18.72               | 12.40     | 18.24                     | 19.38                   | 9.25              | 3.16     | 26.32       | 10.26            | 1.80                 | 253.84                   |
| 19.20               | 12.36     | 19.26                     | 19.20                   | 10.13             | 3.15     | 26.88       | 9.96             | 2.10                 | 253.53                   |
| 19.86               | 11.96     | 18.90                     | 18.84                   | 10.71             | 2.59     | 28.16       | 9.96             | 5.90                 | 253.52                   |

*Merit roll of the midshipmen of the graduating class for the last year of the*

| Order of<br>general<br>merit for the aca-<br>demic year. | Names.                  | International law. | Seamanship.                       | Guns and mines. | Ballistics and fire<br>control.   | Theoretical naviga-<br>tion. | Compass deviation<br>and surveying. |
|--|-------------------------|--------------------|-----------------------------------|-----------------|-----------------------------------|------------------------------|-------------------------------------|
|  | Maxima.....             | 24                 | 36                                | 32              | 28                                | 24                           | 28                                  |
| 37   | Burwell, R. O. B.....   | 19.08              | 29.70                             | 26.40           | 22.33                             | 20.58                        | 22.05                               |
| 38   | Chenoweth, H. H.....    | 19.44              | 29.43                             | 24.88           | 23.80                             | 19.80                        | 21.35                               |
| 39   | Wood, G. H.....         | 18.78              | 28.53                             | 25.12           | 23.24                             | 20.22                        | 22.89                               |
| 40   | Shoemaker, J. M.....    | 20.58              | 28.35                             | 26.40           | 24.71                             | 19.62                        | 20.16                               |
| 41   | Chippendale, B. W.....  | 18.84              | 30.69                             | 26.80           | 23.59                             | 20.16                        | 24.22                               |
| 42   | Glann, A. E.....        | 18.06              | 28.44                             | 26.40           | 23.03                             | 20.22                        | 23.03                               |
| 43   | Chandler, T. E.....     | 19.32              | 28.98                             | 25.36           | 24.92                             | 19.38                        | 21.84                               |
| 44   | McCoach, E. S.....      | 18.06              | 28.17                             | 26.32           | 24.85                             | 19.74                        | 21.91                               |
| 45   | Hazlett, E. E., jr..... | 18.66              | 29.07                             | 26.32           | 22.96                             | 20.34                        | 22.40                               |
| 46   | Lusk, J. C.....         | 18.30              | 27.81                             | 27.04           | 23.66                             | 19.68                        | 21.70                               |
| 47   | Bowman, W. H.....       | 17.82              | 27.18                             | 25.44           | 22.19                             | 19.56                        | 20.93                               |
| 48   | Peck, D. W.....         | 19.74              | 27.09                             | 26.64           | 23.45                             | 18.66                        | 20.23                               |
| 49   | Peyton, T. G.....       | 18.78              | 29.88                             | 24.88           | 22.89                             | 19.98                        | 21.84                               |
| 50   | Clark, S. B.....        | 19.26              | 27.90                             | 25.60           | 23.66                             | 20.04                        | 22.26                               |
| 51   | Calvert, N. G.....      | 18.42              | 28.53                             | 26.16           | 22.96                             | 19.68                        | 22.40                               |
| 52   | Flynn, C. W.....        | 19.20              | 29.07                             | 26.08           | 23.52                             | 18.54                        | 20.51                               |
| 53   | Umsted, S.....          | 18.60              | 28.53                             | 26.24           | 22.12                             | 18.36                        | 20.44                               |
| 54   | Eldredge, H. G.....     | 18.45              | 28.35                             | 25.12           | 21.91                             | 18.72                        | 21.91                               |
| 55   | Dalton, D. MacL.....    | 18.84              | 28.35                             | 23.52           | 25.06                             | 17.94                        | 20.93                               |
| 56   | Darrow, R. T.....       | 18.48              | 28.71                             | 26.64           | 20.86                             | 19.68                        | 21.14                               |
| 57   | Lamont, G. P.....       | 19.02              | 28.80                             | 24.72           | 23.17                             | 18.42                        | 20.51                               |
| 58   | Rhea, P. McC.....       | 18.60              | 28.26                             | 24.88           | 23.24                             | 19.26                        | 19.74                               |
| 59   | Paddock, H. E.....      | 19.26              | 27.27                             | 24.80           | 22.40                             | 18.96                        | 21.07                               |
| 60   | Osborn, C. F.....       | 18.84              | 27.09                             | 24.16           | 23.17                             | 18.36                        | 20.65                               |
| 61   | de Roode, L. R.....     | 18.18              | 28.53                             | 25.04           | 24.01                             | 18.42                        | 21.63                               |
| 61   | Scott, L. B.....        | 18.48              | 28.08                             | 25.52           | 22.12                             | 18.84                        | 20.02                               |
| 63   | Leonard, N. J.....      | 19.20              | 28.35                             | 25.60           | 23.87                             | 18.24                        | 21.28                               |
| 64   | Graham, I. M.....       | 18.84              | 28.98                             | 24.08           | 21.70                             | 18.96                        | 21.14                               |
| 65   | Godfrey, V. H.....      | 18.72              | 27.00                             | 26.96           | 20.30                             | 20.52                        | 21.84                               |
| 66   | Nimitz, O.....          | 18.12              | 27.36                             | 22.64           | 23.31                             | 18.66                        | 21.70                               |
| 67   | Smith, F. B.....        | 19.20              | 28.26                             | 26.56           | 23.38                             | 17.40                        | 19.81                               |
| 68   | Clark, C. G.....        | 19.14              | 28.53                             | 23.92           | 23.03                             | 16.98                        | 19.95                               |
| 69   | Lorenz, W. J.....       | 17.28              | 27.54                             | 25.28           | 22.12                             | 19.86                        | 21.42                               |
| 70   | Wagner, F. D.....       | 19.38              | 28.43 <sup>1</sup> / <sub>2</sub> | 21.28           | 22.94 <sup>2</sup> / <sub>2</sub> | 18.72                        | 20.45 <sup>3</sup> / <sub>3</sub>   |
| 71   | Walker, M. J.....       | 18.18              | 28.80                             | 22.00           | 22.47                             | 19.08                        | 20.09                               |
| 72   | Isaacs, E. V. M.....    | 18.54              | 27.54                             | 26.96           | 22.26                             | 18.72                        | 22.12                               |

*academic course—annual examination, June, 1915—183 members—Continued.*

| Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. | Demerits (subtract). | Aggregate (fourth year). |
|---------------------|-----------|---------------------------|-------------------------|-------------------|----------|-------------|------------------|----------------------|--------------------------|
| 24                  | 16        | 24                        | 24                      | 12                | 4        | 32          | 12               |                      | 320                      |
| 18. 78              | 12. 04    | 19. 74                    | 19. 02                  | 8. 67             | 3. 47    | 24. 80      | 9. 45            | 2. 70                | 253. 41                  |
| 18. 60              | 12. 08    | 18. 60                    | 19. 62                  | 8. 68             | 3. 27    | 25. 20      | 9. 60            | 1. 30                | 253. 05                  |
| 19. 38              | 12. 60    | 20. 40                    | 19. 20                  | 10. 90            | 2. 97    | 25. 76      | 9. 93            | 7. 20                | 252. 72                  |
| 18. 30              | 12. 40    | 19. 14                    | 19. 38                  | 9. 58             | 2. 95    | 24. 88      | 9. 69            | 4. 00                | 252. 14                  |
| 18. 72              | 12. 08    | 20. 34                    | 19. 38                  | 8. 99             | 3. 07    | 24. 72      | 9. 51            | 9. 40                | 251. 71                  |
| 19. 08              | 12. 52    | 20. 10                    | 19. 92                  | 7. 58             | 2. 81    | 25. 52      | 9. 99            | 5. 40                | 251. 30                  |
| 18. 96              | 12. 28    | 19. 62                    | 20. 94                  | 8. 86             | 3. 13    | 23. 04      | 8. 85            | 5. 40                | 250. 08                  |
| 19. 74              | 12. 52    | 18. 42                    | 20. 64                  | 9. 30             | 2. 84    | 23. 44      | 9. 36            | 5. 50                | 249. 81                  |
| 18. 24              | 10. 92    | 17. 40                    | 19. 74                  | 8. 85             | 2. 92    | 25. 44      | 9. 90            | 3. 60                | 249. 56                  |
| 19. 44              | 12. 36    | 19. 32                    | 20. 10                  | 10. 93            | 2. 98    | 24. 88      | 9. 33            | 8. 30                | 249. 23                  |
| 18. 42              | 11. 56    | 18. 24                    | 19. 20                  | 10. 37            | 2. 90    | 25. 52      | 9. 39            | . 20                 | 248. 52                  |
| 18. 90              | 11. 48    | 18. 06                    | 18. 18                  | 8. 96             | 3. 24    | 25. 04      | 9. 09            | . 50                 | 248. 26                  |
| 19. 14              | 12. 04    | 17. 52                    | 18. 42                  | 8. 59             | 2. 63    | 23. 92      | 9. 54            | 1. 80                | 248. 25                  |
| 19. 56              | 12. 04    | 19. 68                    | 19. 92                  | 8. 13             | 3. 15    | 24. 64      | 9. 39            | 7. 00                | 248. 23                  |
| 18. 60              | 11. 04    | 19. 38                    | 20. 04                  | 8. 81             | 2. 80    | 24. 64      | 9. 33            | 4. 70                | 248. 09                  |
| 18. 60              | 12. 44    | 16. 74                    | 19. 14                  | 8. 64             | 3. 13    | 24. 56      | 8. 91            | 1. 00                | 248. 08                  |
| 18. 72              | 11. 20    | 17. 82                    | 17. 52                  | 8. 69             | 3. 34    | 27. 52      | 9. 93            | 1. 60                | 247. 43                  |
| 18. 36              | 11. 68    | 18. 60                    | 19. 56                  | 9. 23             | 3. 70    | 24. 32      | 9. 39            | 1. 90                | 247. 40                  |
| 19. 80              | 12. 80    | 17. 40                    | 19. 38                  | 8. 85             | 3. 13    | 24. 56      | 10. 20           | 3. 40                | 247. 36                  |
| 17. 64              | 10. 44    | 17. 04                    | 19. 32                  | 9. 76             | 2. 85    | 24. 40      | 10. 65           | . 50                 | 247. 11                  |
| 18. 42              | 12. 28    | 18. 00                    | 18. 90                  | 10. 02            | 2. 97    | 23. 20      | 9. 48            | 1. 00                | 246. 91                  |
| 18. 78              | 11. 76    | 17. 04                    | 18. 24                  | 9. 28             | 3. 37    | 26. 16      | 9. 87            | 1. 70                | 246. 78                  |
| 19. 02              | 12. 64    | 17. 46                    | 18. 36                  | 8. 49             | 2. 69    | 24. 72      | 9. 84            | . 30                 | 246. 68                  |
| 18. 72              | 11. 68    | 19. 14                    | 19. 98                  | 9. 08             | 3. 23    | 24. 56      | 10. 38           | 2. 70                | 246. 34                  |
| 20. 76              | 12. 08    | 18. 54                    | 19. 62                  | 10. 41            | 3. 59    | 24. 08      | 9. 60            | 8. 20                | 246. 29                  |
| 19. 32              | 11. 60    | 17. 70                    | 18. 18                  | 10. 21            | 2. 51    | 25. 20      | 9. 51            | 1. 00                | 246. 29                  |
| 18. 90              | 12. 24    | 17. 28                    | 16. 92                  | 8. 13             | 3. 07    | 24. 88      | 9. 12            | 1. 00                | 246. 08                  |
| 17. 28              | 11. 88    | 19. 26                    | 19. 68                  | 7. 88             | 2. 86    | 25. 44      | 9. 96            | 2. 10                | 245. 84                  |
| 18. 18              | 11. 24    | 19. 20                    | 19. 86                  | 8. 15             | 3. 35    | 25. 28      | 9. 00            | 4. 00                | 245. 60                  |
| 17. 40              | 12. 08    | 18. 78                    | 18. 66                  | 8. 38             | 3. 01    | 26. 24      | 9. 54            | 1. 60                | 244. 28                  |
| 19. 08              | 11. 56    | 17. 52                    | 18. 90                  | 8. 25             | 2. 56    | 24. 88      | 9. 36            | 2. 60                | 244. 12                  |
| 19. 14              | 11. 68    | 16. 80                    | 17. 64                  | 8. 57             | 3. 49    | 26. 96      | 10. 35           | 2. 10                | 244. 08                  |
| 18. 00              | 11. 92    | 17. 16                    | 18. 12                  | 8. 81             | 3. 05    | 24. 32      | 9. 75            | . 60                 | 244. 03                  |
| 19. 440             | 12. 64    | 18. 84                    | 20. 004                 | 10. 024½          | 3. 05    | 25. 60      | 9. 48            | 6. 30                | 243. 99                  |
| 18. 66              | 11. 48    | 18. 54                    | 19. 44                  | 8. 30             | 2. 77    | 25. 52      | 9. 33            | . 80                 | 243. 86                  |
| 17. 34              | 11. 60    | 16. 08                    | 17. 04                  | 10. 32            | 3. 03    | 25. 52      | 9. 30            | 2. 60                | 243. 73                  |

*Merit roll of the midshipmen of the graduating class for the last year of the*

| Order of general merit for the academic year. | Names.                | International law. | Seamanship.          | Guns and mines. | Ballistics and fire control. | Theoretical navigation. | Compass deviation and surveying. |
|---|-----------------------|--------------------|----------------------|-----------------|------------------------------|-------------------------|----------------------------------|
|   | Maxima.....           | 24                 | 36                   | 32              | 28                           | 24                      | 28                               |
| 73  | Confer, W. J.....     | 18.06              | 27.90                | 24.56           | 21.98                        | 18.30                   | 20.79                            |
| 74  | Brown, J. P.....      | 18.42              | 28.62                | 23.52           | 23.24                        | 17.76                   | 20.58                            |
| 75  | Grove, G. W.....      | 18.06              | 28.98                | 24.32           | 22.26                        | 18.72                   | 21.84                            |
| 76  | Burnett, H. P.....    | 18.42              | 27.99                | 24.08           | 22.54                        | 18.90                   | 21.49                            |
| ior77   | Rockwell, S. G.....   | 18.18              | 26.28                | 26.40           | 23.31                        | 19.74                   | 21.00                            |
| 78  | Farrar, R. M.....     | 17.82              | 27.99                | 25.28           | 23.03                        | 17.52                   | 20.65                            |
| ior79   | Alexander, W. D.....  | 18.48              | 25.74                | 22.64           | 22.33                        | 19.26                   | 21.28                            |
| 80  | Wiley, H. V.....      | 19.02              | 28.53                | 23.92           | 22.68                        | 18.00                   | 18.41                            |
| 81  | Jenkins, S. P.....    | 17.52              | 26.91                | 26.16           | 22.82                        | 18.72                   | 21.91                            |
| 82  | Thomas, A. C.....     | 18.24              | 26.28                | 25.04           | 22.26                        | 19.08                   | 20.86                            |
| 83  | Wright, R. R.....     | 19.74              | 26.01                | 25.36           | 21.98                        | 17.76                   | 20.58                            |
| 84  | Granat, W.....        | 18.96              | 27.27                | 24.08           | 22.40                        | 17.46                   | 20.51                            |
| 85  | Mail, F. M., jr.....  | 18.54              | 26.55                | 22.64           | 22.40                        | 18.72                   | 20.09                            |
| 86  | Shumaker, S. R.....   | 17.52              | 25.47                | 25.60           | 22.61                        | 18.18                   | 20.51                            |
| 87  | Kneip, J. B.....      | 18.36              | 26.73                | 23.52           | 23.31                        | 18.12                   | 19.60                            |
| 88  | Low, F. S.....        | 19.68              | 30.69                | 22.24           | 22.82                        | 17.16                   | 20.30                            |
| 89  | Miller, M. C.....     | 18.42              | 27.27                | 24.88           | 21.56                        | 19.44                   | 21.35                            |
| 90  | Farnsworth, J. S..... | 17.70              | 29.07                | 24.48           | 23.87                        | 19.14                   | 21.56                            |
| 91  | Wurtele, A. R.....    | 18.54              | 27.45                | 27.20           | 23.80                        | 19.86                   | 21.56                            |
| 92  | Easton, G. H.....     | 17.52              | 27.63                | 25.44           | 21.98                        | 17.76                   | 20.86                            |
| 93  | Royal, F. B.....      | 18.42              | 26.37                | 22.00           | 22.33                        | 18.66                   | 18.62                            |
| 94  | Jondreau, R. J.....   | 18.06              | 29.07                | 22.80           | 22.33                        | 18.90                   | 21.35                            |
| 95  | Graf, H. W.....       | 17.58              | 27.90                | 24.08           | 22.68                        | 18.36                   | 20.16                            |
| 96  | Howard, A. F.....     | 18.60              | 27.09                | 24.40           | 23.03                        | 18.06                   | 19.60                            |
| 97  | Matteson, S. H.....   | 17.70              | 27.607 $\frac{1}{2}$ | 23.84           | 22.750                       | 17.04                   | 20.503                           |
| 98  | Winslow, W.....       | 18.00              | 27.18                | 23.20           | 22.19                        | 16.50                   | 19.81                            |
| ior99   | Fortson, R. M.....    | 18.06              | 29.16                | 24.00           | 22.54                        | 17.76                   | 18.76                            |
| 100   | Blair, R. H.....      | 18.78              | 29.34                | 23.44           | 22.40                        | 17.46                   | 19.74                            |
| 101   | Clarke, H. D.....     | 17.70              | 26.28                | 22.88           | 21.77                        | 16.98                   | 20.51                            |
| 102   | Shelley, T.....       | 17.70              | 26.10                | 22.80           | 23.03                        | 17.10                   | 18.13                            |
| 103   | Minnis, J. A.....     | 18.54              | 28.44                | 22.24           | 22.82                        | 17.88                   | 20.51                            |
| 104   | Delpino, J. C.....    | 17.88              | 26.19                | 25.44           | 21.21                        | 18.60                   | 19.95                            |
| 105   | Barnett, A.....       | 18.30              | 27.18                | 23.20           | 22.54                        | 19.08                   | 20.09                            |
| 106   | Childs, E. W. F.....  | 18.90              | 27.27                | 23.28           | 22.33                        | 16.44                   | 19.18                            |
| 107   | Clark, R. W.....      | 18.72              | 26.46                | 24.72           | 22.47                        | 18.66                   | 21.42                            |
| 108   | Tisdale, R. D.....    | 17.04              | 26.73                | 27.44           | 20.72                        | 20.04                   | 19.88                            |

*academic course—annual examination, June, 1915—183 members—Continued.*

| Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages.   | Hygiene. | Efficiency. | Practice cruise. | Demerits (subtract). | Aggregate (fourth year). |
|---------------------|-----------|---------------------------|-------------------------|---------------------|----------|-------------|------------------|----------------------|--------------------------|
| 24                  | 16        | 24                        | 24                      | 12                  | 4        | 32          | 12               |                      | 320                      |
| 18.66               | 11.84     | 16.98                     | 19.08                   | 9.19                | 3.27     | 25.04       | 8.88             | 1.00                 | 243.53                   |
| 19.62               | 12.12     | 19.92                     | 18.96                   | 9.64                | 2.91     | 23.92       | 9.81             | 5.90                 | 243.14                   |
| 18.06               | 11.64     | 18.00                     | 18.12                   | 8.71                | 3.18     | 26.00       | 9.51             | 4.60                 | 242.80                   |
| 17.88               | 11.16     | 18.30                     | 18.42                   | 10.34               | 2.67     | 23.92       | 9.60             | 3.00                 | 242.71                   |
| 18.60               | 12.48     | 18.84                     | 18.84                   | 9.89                | 3.18     | 24.00       | 9.39             | 7.50                 | 242.63                   |
| 19.20               | 12.20     | 18.12                     | 18.66                   | 9.33                | 2.90     | 23.44       | 10.17            | 3.70                 | 242.61                   |
| 18.30               | 11.68     | 17.82                     | 18.18                   | 8.91                | 3.15     | 25.84       | 10.65            | 2.90                 | 241.36                   |
| 18.18               | 12.32     | 17.64                     | 17.76                   | 8.66                | 3.06     | 24.24       | 9.78             | 1.00                 | 241.20                   |
| 17.34               | 11.56     | 17.52                     | 17.94                   | 7.80                | 2.86     | 23.68       | 9.27             | 1.80                 | 240.21                   |
| 19.08               | 11.20     | 17.94                     | 17.58                   | 8.98                | 3.41     | 24.40       | 10.02            | 4.80                 | 239.57                   |
| 17.82               | 11.24     | 17.70                     | 17.22                   | 7.50                | 3.22     | 23.84       | 10.02            | .50                  | 239.49                   |
| 18.60               | 12.96     | 18.18                     | 18.84                   | 8.52                | 2.98     | 23.04       | 9.12             | 3.60                 | 239.32                   |
| 18.18               | 11.72     | 16.86                     | 18.42                   | 9.29                | 2.85     | 25.04       | 9.21             | 1.20                 | 239.31                   |
| 17.70               | 11.24     | 17.10                     | 17.64                   | 8.66                | 3.15     | 25.60       | 9.00             | .70                  | 239.28                   |
| 18.84               | 11.64     | 17.70                     | 18.90                   | 8.30                | 3.17     | 24.40       | 9.48             | 2.80                 | 239.27                   |
| 17.70               | 11.92     | 16.14                     | 17.46                   | 9.77                | 2.90     | 25.20       | 9.66             | 4.50                 | 239.14                   |
| 17.58               | 11.12     | 18.18                     | 18.18                   | 10.45               | 2.72     | 24.08       | 9.00             | 5.10                 | 239.13                   |
| 18.36               | 11.48     | 17.22                     | 17.94                   | 8.65                | 3.40     | 24.80       | 8.73             | 7.40                 | 239.00                   |
| 18.54               | 11.76     | 19.02                     | 18.54                   | 8.32                | 2.78     | 23.68       | 9.24             | 11.40                | 238.89                   |
| 18.06               | 12.48     | 17.40                     | 17.94                   | 9.43                | 3.40     | 24.00       | 9.18             | 4.60                 | 238.48                   |
| 17.40               | 12.04     | 17.76                     | 16.56                   | 9.97                | 2.68     | 26.40       | 9.99             | 1.00                 | 238.20                   |
| 17.34               | 11.12     | 18.06                     | 17.64                   | 8.36                | 3.21     | 24.32       | 8.70             | 3.40                 | 237.86                   |
| 17.94               | 10.64     | 16.68                     | 17.82                   | 8.46                | 3.22     | 24.88       | 8.88             | 1.50                 | 237.78                   |
| 18.42               | 11.48     | 17.46                     | 17.82                   | 7.85                | 2.87     | 24.96       | 8.58             | 2.60                 | 237.62                   |
| 18.408              | 12.12     | 17.52                     | 19.010                  | 9.764 $\frac{1}{2}$ | 3.73     | 23.44       | 8.55             | 4.40                 | 237.58                   |
| 18.24               | 11.84     | 15.76                     | 17.94                   | 8.98                | 3.25     | 25.12       | 10.02            | .60                  | 237.43                   |
| 18.18               | 12.32     | 17.40                     | 17.64                   | 7.59                | 2.99     | 24.64       | 9.54             | 3.30                 | 237.28                   |
| 17.10               | 10.64     | 17.28                     | 18.06                   | 9.24                | 3.37     | 25.52       | 9.39             | 4.60                 | 237.16                   |
| 18.00               | 12.08     | 18.42                     | 17.64                   | 8.31                | 2.55     | 24.56       | 10.35            | 1.00                 | 237.03                   |
| 17.58               | 12.12     | 16.74                     | 18.06                   | 9.35                | 2.66     | 25.52       | 10.02            | 1.00                 | 235.91                   |
| 18.54               | 11.40     | 17.76                     | 18.54                   | 8.54                | 3.17     | 25.68       | 10.20            | 8.40                 | 235.86                   |
| 18.12               | 11.96     | 18.42                     | 18.06                   | 9.56                | 2.84     | 21.28       | 9.42             | 3.10                 | 235.83                   |
| 18.66               | 12.32     | 18.78                     | 18.66                   | 8.43                | 2.70     | 23.84       | 8.82             | 6.80                 | 235.80                   |
| 18.18               | 12.00     | 16.80                     | 18.06                   | 8.50                | 2.70     | 25.44       | 9.96             | 3.70                 | 235.34                   |
| 19.14               | 11.60     | 19.20                     | 17.64                   | 8.51                | 2.80     | 24.32       | 9.21             | 9.60                 | 235.27                   |
| 17.16               | 10.80     | 18.66                     | 19.26                   | 9.52                | 2.50     | 22.40       | 9.24             | 6.60                 | 234.79                   |

*Merit roll of the midshipmen of the graduating class for the last year of the*

| Order of general merit for the academic year. | Names.                 | International law. | Seamanship. | Guns and mines. | Ballistics and fire control. | Theoretical navigation. | Compass deviation and surveying. |
|---|------------------------|--------------------|-------------|-----------------|------------------------------|-------------------------|----------------------------------|
|   | Maxima.....            | 24                 | 36          | 32              | 28                           | 24                      | 28                               |
| 109   | Withers, N.....        | 18.54              | 28.08       | 26.80           | 22.68                        | 18.60                   | 20.30                            |
| 110   | Lein, C. L.....        | 18.54              | 26.82       | 24.40           | 21.91                        | 19.20                   | 20.44                            |
| 111   | Burstan, R. M.....     | 17.70              | 26.73       | 25.36           | 21.98                        | 19.02                   | 19.81                            |
| 112   | Spriggs, M. H.....     | 18.30              | 26.46       | 24.16           | 20.86                        | 18.42                   | 18.55                            |
| 113   | McCrea, J. L.....      | 17.70              | 27.99       | 23.20           | 22.33                        | 17.70                   | 19.04                            |
| 114   | Wynne, W. M. A.....    | 17.82              | 24.30       | 26.72           | 21.00                        | 19.26                   | 21.21                            |
| 115   | Brown, T. G.....       | 18.48              | 28.44       | 21.44           | 21.77                        | 16.92                   | 18.62                            |
| 116   | Overesch, H. E.....    | 17.52              | 26.82       | 22.00           | 21.35                        | 16.92                   | 19.39                            |
| 117   | Hill, G. C.....        | 18.30              | 27.27       | 21.04           | 22.54                        | 16.98                   | 19.18                            |
| 117   | Huntoon, F. C.....     | 17.64              | 26.37       | 25.12           | 22.12                        | 16.38                   | 19.46                            |
| 119   | Maher, J. E.....       | 18.12              | 26.46       | 23.92           | 22.19                        | 19.26                   | 20.16                            |
| 120   | Wood, L.....           | 18.30              | 27.18       | 23.04           | 22.26                        | 18.42                   | 20.58                            |
| 121   | Chambers, I. R.....    | 17.40              | 25.56       | 23.44           | 21.42                        | 18.18                   | 20.37                            |
| 122   | Wotherspoon, A. S..... | 18.06              | 27.09       | 20.72           | 21.98                        | 16.08                   | 18.13                            |
| 123   | Richards, F. G.....    | 18.00              | 26.55       | 23.28           | 21.70                        | 17.52                   | 19.11                            |
| 124   | Lewis, C. E.....       | 15.78              | 24.84       | 24.08           | 21.70                        | 17.58                   | 19.60                            |
| 125   | Hunter, H. O'D.....    | 17.76              | 27.27       | 22.40           | 22.96                        | 17.10                   | 18.34                            |
| 126   | Arnold, M. B.....      | 17.10              | 26.01       | 23.92           | 21.42                        | 15.48                   | 20.02                            |
| 127   | Collins, D. McL.....   | 17.58              | 25.83       | 20.32           | 21.63                        | 16.32                   | 18.83                            |
| 128   | Nunnally, W. J.....    | 17.64              | 27.18       | 23.04           | 21.42                        | 17.76                   | 20.02                            |
| 129   | Smith, A. E.....       | 18.60              | 27.54       | 22.48           | 21.91                        | 16.68                   | 18.20                            |
| 130   | Morgan, P. C.....      | 17.94              | 26.73       | 23.84           | 20.86                        | 18.84                   | 21.42                            |
| 131   | Breed, E.....          | 17.64              | 25.02       | 22.80           | 20.93                        | 17.58                   | 18.83                            |
| 132   | Watson, D. C.....      | 17.82              | 26.37       | 23.36           | 20.58                        | 17.58                   | 18.62                            |
| 133   | Pigman, N. M.....      | 17.70              | 25.83       | 21.84           | 21.00                        | 16.92                   | 18.55                            |
| 134   | Dupre, D. D.....       | 17.58              | 26.55       | 25.04           | 21.91                        | 17.76                   | 19.95                            |
| 135   | Kriner, G. C.....      | 16.62              | 27.27       | 22.96           | 21.14                        | 17.58                   | 18.34                            |
| 136   | Maher, S. A.....       | 17.46              | 26.37       | 22.72           | 21.42                        | 17.64                   | 19.74                            |
| 137   | Hatch, A. G.....       | 17.40              | 27.27       | 20.96           | 20.79                        | 17.94                   | 20.23                            |
| 138   | Stedman, L. L.....     | 18.42              | 25.92       | 24.32           | 20.23                        | 16.98                   | 19.46                            |
| 139   | King, A. E.....        | 17.40              | 27.09       | 21.52           | 21.56                        | 16.14                   | 18.34                            |
| 140   | French, F. G.....      | 18.30              | 28.17       | 26.96           | 22.54                        | 20.76                   | 21.63                            |
| 141   | Small, J. D.....       | 18.60              | 25.38       | 24.64           | 22.40                        | 17.04                   | 19.74                            |
| 142   | Gamble, M. G., jr..... | 16.74              | 26.01       | 20.64           | 21.14                        | 15.78                   | 19.18                            |
| 143   | Armstrong, D. W.....   | 17.22              | 24.66       | 23.20           | 20.44                        | 16.98                   | 17.92                            |
| 144   | O'Neill, O. E.....     | 18.66              | 27.45       | 23.20           | 21.49                        | 16.80                   | 18.83                            |
| 145   | Quynn, A. G.....       | 16.86              | 25.20       | 22.00           | 20.93                        | 17.58                   | 18.76                            |

*academic course—annual examination, June, 1915—188 members—Continued.*

| Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. | Demerits (subtract). | Aggregate (fourth year). |
|---------------------|-----------|---------------------------|-------------------------|-------------------|----------|-------------|------------------|----------------------|--------------------------|
| 24                  | 16        | 24                        | 24                      | 12                | 4        | 32          | 12               |                      | 320                      |
| 18.36               | 10.36     | 15.72                     | 16.56                   | 8.23              | 2.77     | 23.20       | 8.88             | 4.50                 | 234.58                   |
| 17.64               | 11.44     | 17.64                     | 18.12                   | 8.82              | 2.82     | 23.28       | 9.09             | 5.70                 | 234.46                   |
| 18.84               | 11.56     | 19.68                     | 19.32                   | 8.61              | 3.21     | 22.48       | 7.14             | 7.30                 | 234.14                   |
| 18.06               | 11.04     | 18.00                     | 17.28                   | 8.55              | 2.91     | 24.32       | 9.54             | 2.60                 | 233.85                   |
| 16.86               | 10.68     | 16.08                     | 17.22                   | 7.93              | 3.19     | 25.60       | 10.74            | 2.80                 | 233.46                   |
| 17.64               | 11.48     | 17.46                     | 19.32                   | 9.49              | 2.76     | 24.00       | 9.51             | 8.60                 | 233.37                   |
| 18.00               | 11.00     | 16.80                     | 16.44                   | 8.01              | 3.04     | 26.64       | 10.17            | 2.60                 | 233.17                   |
| 18.90               | 11.04     | 16.20                     | 17.28                   | 10.39             | 2.68     | 26.24       | 10.68            | 4.70                 | 232.71                   |
| 18.84               | 11.64     | 16.32                     | 17.88                   | 9.36              | 3.01     | 25.84       | 9.90             | 5.60                 | 232.50                   |
| 17.22               | 11.80     | 16.20                     | 17.34                   | 8.37              | 2.95     | 24.24       | 9.09             | 1.80                 | 232.50                   |
| 18.06               | 12.56     | 18.48                     | 18.84                   | 9.79              | 2.70     | 24.00       | 9.51             | 11.70                | 232.35                   |
| 17.34               | 10.44     | 16.86                     | 16.62                   | 7.76              | 2.83     | 25.28       | 9.69             | 4.30                 | 232.30                   |
| 18.00               | 11.04     | 16.32                     | 16.86                   | 9.01              | 3.25     | 25.04       | 10.71            | 4.40                 | 232.20                   |
| 17.04               | 10.88     | 16.20                     | 16.44                   | 11.06             | 3.11     | 25.92       | 9.54             | .10                  | 232.15                   |
| 15.30               | 10.64     | 16.26                     | 17.88                   | 8.62              | 3.24     | 25.44       | 9.60             | 1.00                 | 232.14                   |
| 18.12               | 11.08     | 15.48                     | 16.50                   | 9.42              | 3.15     | 26.48       | 9.90             | 2.50                 | 231.21                   |
| 17.40               | 10.84     | 16.86                     | 17.40                   | 8.61              | 2.97     | 26.08       | 9.21             | 4.10                 | 231.10                   |
| 17.94               | 11.40     | 16.32                     | 17.28                   | 8.52              | 3.07     | 25.12       | 9.30             | 2.20                 | 230.70                   |
| 17.58               | 11.28     | 15.90                     | 16.98                   | 10.64             | 3.05     | 25.84       | 10.08            | 1.20                 | 230.66                   |
| 17.76               | 10.84     | 17.16                     | 16.32                   | 9.03              | 3.25     | 24.96       | 9.75             | 5.70                 | 230.43                   |
| 17.16               | 10.92     | 16.08                     | 16.20                   | 8.62              | 3.17     | 24.64       | 9.42             | 1.90                 | 229.72                   |
| 18.06               | 11.96     | 18.36                     | 18.48                   | 8.95              | 2.76     | 22.56       | 9.72             | 11.20                | 229.28                   |
| 16.98               | 11.88     | 16.98                     | 16.74                   | 8.88              | 2.94     | 25.68       | 9.45             | 3.10                 | 229.23                   |
| 17.52               | 10.72     | 16.38                     | 17.82                   | 8.06              | 2.72     | 24.32       | 9.72             | 2.70                 | 228.89                   |
| 17.10               | 11.00     | 16.14                     | 16.98                   | 11.44             | 3.12     | 23.44       | 9.27             | 1.50                 | 228.83                   |
| 18.00               | 11.56     | 17.88                     | 18.78                   | 9.11              | 2.79     | 22.56       | 8.88             | 9.80                 | 228.55                   |
| 16.44               | 10.68     | 15.66                     | 15.84                   | 9.09              | 3.43     | 25.52       | 9.24             | 1.30                 | 228.51                   |
| 18.06               | 11.64     | 17.28                     | 16.38                   | 9.06              | 3.55     | 22.72       | 9.42             | 5.00                 | 228.46                   |
| 16.98               | 11.12     | 16.02                     | 16.86                   | 7.88              | 2.97     | 25.68       | 9.93             | 3.60                 | 228.43                   |
| 16.08               | 10.68     | 17.34                     | 16.38                   | 7.68              | 2.60     | 24.64       | 9.30             | 1.90                 | 228.13                   |
| 18.48               | 11.28     | 15.78                     | 16.74                   | 8.05              | 3.22     | 23.84       | 8.76             | 1.50                 | 226.70                   |
| 17.94               | 11.96     | 19.02                     | 18.78                   | 8.35              | 2.82     | 24.64       | 8.52             | 23.70                | 226.69                   |
| 18.30               | 11.72     | 18.06                     | 18.30                   | 8.46              | 2.78     | 23.36       | 9.66             | 11.90                | 226.54                   |
| 17.70               | 10.52     | 16.20                     | 17.76                   | 8.43              | 2.88     | 24.72       | 9.15             | .50                  | 226.35                   |
| 16.68               | 11.40     | 17.10                     | 17.58                   | 9.58              | 2.93     | 25.84       | 9.18             | 4.60                 | 226.11                   |
| 17.34               | 10.88     | 17.16                     | 16.98                   | 8.20              | 2.77     | 22.80       | 9.18             | 6.20                 | 225.54                   |
| 18.12               | 10.88     | 16.86                     | 17.34                   | 8.96              | 2.86     | 22.72       | 9.00             | 2.60                 | 225.47                   |

*Merit roll of the midshipmen of the graduating class for the last year of the*

| Order of general merit for the academic year. | Names.                 | International law. | Seamanship. | Guns and mines. | Ballistics and fire control. | Theoretical navigation. | Compass deviation and surveying. |
|---|------------------------|--------------------|-------------|-----------------|------------------------------|-------------------------|----------------------------------|
|   | Maxima.....            | 24                 | 36          | 32              | 28                           | 24                      | 28                               |
| 146   | Richardson, C. G.....  | 17.76              | 24.93       | 22.16           | 21.00                        | 15.48                   | 18.69                            |
| 147   | Henning, E. R.....     | 16.50              | 24.75       | 23.52           | 21.14                        | 17.64                   | 19.25                            |
| 148   | Kiely, R.....          | 17.16              | 25.02       | 23.04           | 20.23                        | 16.86                   | 19.81                            |
| 149   | Sprague, J. H.....     | 16.80              | 24.66       | 22.00           | 22.47                        | 16.92                   | 18.41                            |
| 150   | Field, J. M., jr.....  | 17.34              | 27.27       | 24.96           | 21.49                        | 16.86                   | 19.25                            |
| #r151   | Friend, T. H. H.....   | 17.88              | 25.83       | 25.36           | 21.84                        | 19.98                   | 20.09                            |
| 152   | Lewis, J. M.....       | 18.30              | 27.09       | 21.36           | 22.19                        | 17.34                   | 18.34                            |
| 153   | Meyers, H. M.....      | 16.86              | 25.38       | 24.56           | 21.35                        | 18.48                   | 20.16                            |
| 154   | Kyle, J. R., jr.....   | 16.68              | 23.58       | 21.68           | 22.19                        | 16.26                   | 20.72                            |
| 155   | Deets, S. R.....       | 16.86              | 26.01       | 21.44           | 21.91                        | 15.30                   | 18.48                            |
| 156   | Hutchinson, M. W.....  | 17.64              | 26.46       | 25.28           | 21.56                        | 16.86                   | 19.95                            |
| 157   | Burhen, R.....         | 16.92              | 26.10       | 20.88           | 22.05                        | 17.34                   | 18.62                            |
| 158   | Ray, J. S.....         | 17.16              | 24.66       | 22.16           | 21.49                        | 17.34                   | 18.41                            |
| 159   | Schlossbach, I.....    | 18.60              | 26.10       | 21.68           | 21.56                        | 17.88                   | 19.39                            |
| 160   | Libenow, F. K.....     | 16.98              | 24.48       | 20.96           | 21.84                        | 16.68                   | 18.13                            |
| 161   | Campman, J. H.....     | 16.74              | 25.47       | 22.72           | 20.79                        | 15.96                   | 18.06                            |
| 162   | Harrison, H. H. H..... | 17.16              | 25.47       | 24.32           | 21.07                        | 17.52                   | 18.69                            |
| 163   | Clark, H. S., jr.....  | 17.22              | 26.46       | 21.28           | 22.54                        | 16.74                   | 20.09                            |
| 164   | Fisher, H. A.....      | 16.14              | 24.48       | 22.72           | 19.74                        | 16.20                   | 18.34                            |
| 165   | del Valle, P. A.....   | 16.98              | 25.11       | 21.04           | 20.58                        | 16.80                   | 18.90                            |
| 166   | Thomas, W. D.....      | 15.90              | 23.04       | 21.84           | 19.60                        | 17.88                   | 18.06                            |
| 167   | Stephan, A. R.....     | 17.04              | 25.47       | 22.00           | 19.60                        | 15.30                   | 17.71                            |
| 168   | Christie, R. W.....    | 17.22              | 25.20       | 24.80           | 20.65                        | 16.26                   | 17.71                            |
| 169   | Mahoney, J. J.....     | 16.62              | 25.02       | 21.36           | 22.12                        | 15.72                   | 17.64                            |
| 170   | Wedderburn, C. F.....  | 18.06              | 25.56       | 21.12           | 21.98                        | 16.32                   | 19.18                            |
| ior171  | Grimm, H. F., jr.....  | 16.50              | 26.19       | 20.48           | 22.05                        | 15.66                   | 18.55                            |
| ior172  | Dollarhide, E. S.....  | 15.90              | 25.47       | 20.80           | 19.39                        | 15.78                   | 17.50                            |
| 173   | Hactor, W. S.....      | 16.50              | 24.48       | 21.60           | 21.14                        | 17.40                   | 19.32                            |
| 174   | Parkinson, R. M.....   | 16.38              | 24.57       | 21.60           | 20.86                        | 15.60                   | 18.27                            |
| 175   | Vickrey, C. C.....     | 17.28              | 23.85       | 20.80           | 21.28                        | 15.72                   | 18.34                            |
| 176   | Hough, E. B.....       | 15.90              | 25.02       | 22.72           | 20.09                        | 16.74                   | 18.06                            |
| 177   | Landis, A.....         | 15.84              | 24.84       | 20.40           | 19.95                        | 15.54                   | 18.97                            |
| ior178  | Ring, M. L.....        | 17.40              | 24.75       | 22.16           | 20.37                        | 15.24                   | 18.27                            |
| 179   | Marshall, P.....       | 17.40              | 25.47       | 20.40           | 20.93                        | 17.04                   | 18.27                            |
| 180   | Snelling, W. M.....    | 16.80              | 24.39       | 20.72           | 20.51                        | 16.80                   | 18.13                            |
| 181   | Hoops, L. B.....       | 17.40              | 25.20       | 20.00           | 21.28                        | 16.44                   | 18.27                            |
| 182   | Chadwick, J. H.....    | 17.28              | 25.11       | 20.72           | 20.65                        | 16.88                   | 18.69                            |
| #r183   | Davis, J. T.....       | 16.68              | 24.30       | 21.68           | 20.23                        | 15.84                   | 17.92                            |

*academic course—annual examination, June, 1915—183 members—Continued.*

| Naval construction. | Turbines. | Power and light circuits. | Electrical engineering. | Modern languages. | Hygiene. | Efficiency. | Practice cruise. | Demerits (subtract). | Aggregate (fourth year). |
|---------------------|-----------|---------------------------|-------------------------|-------------------|----------|-------------|------------------|----------------------|--------------------------|
| 24                  | 16        | 24                        | 24                      | 12                | 4        | 32          | 12               |                      | 320                      |
| 18. 00              | 11. 40    | 16. 26                    | 17. 22                  | 8. 18             | 3. 12    | 23. 60      | 9. 24            | 2. 90                | 224. 14                  |
| 16. 92              | 10. 88    | 16. 14                    | 17. 94                  | 8. 60             | 3. 16    | 24. 24      | 8. 85            | 5. 70                | 223. 83                  |
| 17. 22              | 10. 96    | 16. 74                    | 16. 62                  | 9. 43             | 2. 75    | 23. 76      | 9. 03            | 5. 50                | 223. 13                  |
| 18. 06              | 10. 92    | 17. 76                    | 15. 30                  | 8. 62             | 3. 20    | 23. 28      | 9. 57            | 4. 90                | 223. 07                  |
| 17. 28              | 10. 88    | 17. 16                    | 17. 28                  | 11. 21            | 3. 34    | 23. 84      | 8. 91            | 14. 20               | 222. 87                  |
| 18. 84              | 11. 92    | 17. 58                    | 18. 60                  | 8. 58             | 2. 94    | 22. 96      | 9. 39            | 19. 10               | 222. 69                  |
| 16. 20              | 10. 16    | 15. 12                    | 16. 26                  | 7. 59             | 3. 33    | 24. 80      | 9. 27            | 4. 90                | 222. 45                  |
| 17. 28              | 11. 08    | 17. 16                    | 18. 30                  | 8. 01             | 2. 71    | 24. 32      | 9. 39            | 12. 70               | 222. 34                  |
| 18. 00              | 11. 04    | 15. 48                    | 17. 52                  | 7. 96             | 2. 74    | 23. 68      | 8. 94            | 4. 70                | 221. 77                  |
| 17. 46              | 11. 12    | 15. 84                    | 16. 92                  | 8. 72             | 2. 87    | 24. 32      | 9. 78            | 5. 50                | 221. 53                  |
| 17. 22              | 11. 60    | 15. 30                    | 16. 74                  | 7. 89             | 2. 65    | 23. 52      | 9. 03            | 10. 20               | 221. 50                  |
| 18. 18              | 10. 68    | 16. 62                    | 16. 62                  | 8. 49             | 3. 15    | 23. 04      | 8. 55            | 6. 10                | 221. 14                  |
| 17. 64              | 10. 88    | 15. 78                    | 17. 46                  | 9. 04             | 3. 00    | 23. 20      | 9. 18            | 6. 50                | 220. 90                  |
| 18. 00              | 11. 80    | 17. 46                    | 17. 40                  | 8. 08             | 3. 08    | 23. 36      | 8. 67            | 12. 20               | 220. 86                  |
| 16. 80              | 10. 36    | 16. 14                    | 16. 68                  | 9. 94             | 3. 31    | 23. 04      | 9. 36            | 3. 90                | 220. 80                  |
| 16. 86              | 10. 72    | 15. 72                    | 16. 38                  | 9. 34             | 2. 95    | 24. 00      | 9. 60            | 5. 20                | 220. 11                  |
| 17. 34              | 10. 04    | 15. 78                    | 15. 90                  | 7. 82             | 2. 65    | 23. 76      | 9. 75            | 7. 50                | 219. 77                  |
| 19. 44              | 11. 44    | 16. 32                    | 17. 58                  | 8. 58             | 3. 25    | 23. 12      | 8. 34            | 13. 30               | 219. 10                  |
| 17. 64              | 10. 88    | 15. 66                    | 17. 22                  | 7. 69             | 2. 74    | 24. 00      | 9. 24            | 4. 00                | 213. 69                  |
| 16. 14              | 10. 68    | 16. 68                    | 16. 68                  | 10. 23            | 3. 21    | 23. 12      | 9. 18            | 7. 70                | 217. 63                  |
| 16. 14              | 10. 68    | 16. 26                    | 15. 66                  | 8. 46             | 3. 80    | 24. 16      | 9. 70            | 3. 90                | 217. 28                  |
| 16. 80              | 10. 68    | 15. 84                    | 16. 32                  | 8. 59             | 2. 69    | 25. 36      | 8. 82            | 5. 40                | 216. 82                  |
| 15. 54              | 10. 48    | 15. 54                    | 15. 84                  | 8. 21             | 2. 64    | 24. 88      | 10. 02           | 8. 30                | 216. 69                  |
| 16. 02              | 10. 28    | 16. 02                    | 15. 90                  | 7. 95             | 2. 85    | 24. 80      | 8. 73            | 4. 60                | 216. 43                  |
| 17. 34              | 11. 68    | 16. 26                    | 17. 40                  | 8. 55             | 2. 92    | 22. 80      | 9. 39            | 12. 80               | 215. 76                  |
| 16. 20              | 10. 44    | 15. 66                    | 16. 50                  | 8. 23             | 2. 69    | 22. 72      | 9. 39            | 6. 30                | 214. 96                  |
| 17. 04              | 10. 12    | 15. 72                    | 16. 14                  | 9. 06             | 3. 14    | 23. 12      | 9. 39            | 3. 80                | 214. 77                  |
| 16. 32              | 10. 88    | 15. 60                    | 16. 14                  | 7. 59             | 3. 29    | 24. 16      | 8. 91            | 9. 80                | 213. 53                  |
| 17. 28              | 10. 92    | 15. 66                    | 16. 26                  | 8. 59             | 2. 90    | 25. 60      | 9. 99            | 11. 10               | 213. 38                  |
| 16. 56              | 10. 40    | 15. 12                    | 16. 26                  | 8. 08             | 2. 79    | 22. 64      | 9. 33            | 5. 50                | 212. 95                  |
| 15. 66              | 10. 28    | 16. 56                    | 16. 56                  | 8. 38             | 2. 50    | 22. 48      | 8. 79            | 6. 80                | 212. 94                  |
| 15. 96              | 10. 56    | 15. 48                    | 15. 90                  | 8. 13             | 2. 74    | 23. 20      | 8. 82            | 5. 10                | 211. 23                  |
| 15. 00              | 10. 52    | 15. 48                    | 15. 18                  | 9. 81             | 2. 73    | 23. 92      | 10. 38           | 10. 10               | 211. 11                  |
| 16. 44              | 10. 80    | 15. 78                    | 16. 14                  | 9. 69             | 3. 05    | 23. 36      | 8. 94            | 12. 80               | 210. 91                  |
| 17. 04              | 11. 28    | 16. 08                    | 17. 32                  | 7. 99             | 2. 75    | 24. 40      | 9. 27            | 13. 90               | 209. 58                  |
| 15. 90              | 11. 24    | 16. 44                    | 17. 04                  | 8. 37             | 3. 38    | 23. 36      | 8. 70            | 14. 30               | 208. 72                  |
| 15. 96              | 10. 44    | 14. 82                    | 17. 58                  | 8. 23             | 2. 70    | 23. 12      | 8. 43            | 11. 90               | 208. 71                  |
| 15. 60              | 10. 32    | 16. 50                    | 16. 74                  | 7. 94             | 2. 74    | 23. 12      | 8. 49            | 24. 40               | 193. 70                  |

*Merit roll of the present first class for the third year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                  | Ord-<br>nance. | Naviga-<br>tion. | Boilers<br>and<br>mecha-<br>nism. | Engines. |
|--|-------------------------|----------------|------------------|-----------------------------------|----------|
|  | Maxima.....             | 12             | 36               | 24                                | 32       |
| *1   | Mullinnix, H. M.....    | 11. 19         | 32. 49           | 20. 46                            | 27. 28   |
| *2   | Davison, R. E.....      | 11. 19         | 33. 30           | 21. 54                            | 27. 92   |
| *3   | Earle, N. P.....        | 10. 80         | 32. 67           | 21. 18                            | 28. 56   |
| *4   | Berkey, R. S.....       | 10. 95         | 32. 22           | 20. 58                            | 27. 60   |
| *5   | Bourne, R. C.....       | 11. 10         | 32. 13           | 20. 40                            | 26. 96   |
| *6   | Hussey, G. F., jr.....  | 10. 68         | 30. 96           | 20. 70                            | 28. 08   |
| *7   | Moon, D. P.....         | 10. 65         | 31. 05           | 19. 86                            | 28. 00   |
| *8   | Keliher, T. J., jr..... | 10. 56         | 30. 96           | 19. 44                            | 28. 40   |
| *9   | Safford, L. F.....      | 10. 83         | 31. 95           | 19. 92                            | 27. 76   |
| ij10   | Hardison, O. B.....     | 10. 38         | 29. 97           | 19. 98                            | 27. 04   |
| 11   | Braine, C. E., jr.....  | 10. 29         | 31. 95           | 18. 96                            | 25. 84   |
| 11   | Sutherland, W. C.....   | 10. 83         | 28. 89           | 19. 20                            | 28. 00   |
| 13   | Hitchcock, R. S.....    | 10. 11         | 30. 96           | 20. 10                            | 27. 28   |
| 14   | Schmidt, H.....         | 10. 35         | 32. 13           | 17. 70                            | 25. 04   |
| 15   | Sitz, W. H.....         | 10. 68         | 30. 24           | 19. 56                            | 26. 64   |
| 16   | Reed, M. W.....         | 10. 71         | 29. 43           | 18. 24                            | 27. 76   |
| 17   | Wead, F. W.....         | 11. 25         | 29. 97           | 20. 22                            | 27. 44   |
| 18   | Miles, A. C.....        | 10. 08         | 31. 59           | 19. 02                            | 26. 32   |
| 19   | Awtrey, R. A.....       | 10. 26         | 31. 95           | 17. 88                            | 25. 36   |
| 20   | Ketcham, T.....         | 10. 29         | 30. 06           | 19. 08                            | 24. 48   |
| 21   | Baker, C. A.....        | 10. 29         | 29. 34           | 17. 70                            | 25. 12   |
| 21   | Horne, H. M.....        | 9. 81          | 32. 85           | 18. 12                            | 24. 16   |
| 23   | Loventhal, W. F.....    | 9. 75          | 31. 50           | 17. 82                            | 26. 32   |
| 24   | Krez, C. A.....         | 10. 98         | 29. 97           | 20. 04                            | 27. 76   |
| ij25   | Carpenter, D. M.....    | 10. 05         | 27. 72           | 18. 24                            | 26. 00   |
| 26   | Fechteler, W. M.....    | 9. 99          | 31. 51           | 19. 26                            | 25. 76   |
| 27   | Fiske, L. S.....        | 10. 11         | 29. 52           | 18. 24                            | 25. 44   |
| 28   | Boyer, W. F.....        | 9. 30          | 31. 59           | 17. 58                            | 22. 16   |
| 29   | Lyle, H. K.....         | 10. 05         | 29. 34           | 19. 14                            | 25. 68   |
| 30   | Hamill, C. W.....       | 9. 54          | 27. 45           | 18. 96                            | 24. 88   |
| 31   | Dudley, S. E.....       | 10. 11         | 29. 79           | 19. 74                            | 24. 24   |
| 32   | Havill, C. H.....       | 10. 26         | 29. 52           | 19. 08                            | 26. 16   |
| 33   | Bagby, L. W.....        | 9. 33          | 29. 97           | 16. 80                            | 24. 56   |
| 34   | Rodgers, B. J.....      | 10. 17         | 29. 52           | 17. 70                            | 25. 04   |
| 35   | Bogan, G. F.....        | 10. 32         | 31. 41           | 17. 52                            | 22. 72   |
| 36   | Furey, B. G.....        | 10. 20         | 28. 17           | 18. 84                            | 24. 80   |
| 37   | Klein, G. C.....        | 10. 56         | 27. 99           | 17. 04                            | 24. 16   |
| 38   | Glutting, P. R.....     | 9. 87          | 29. 07           | 18. 72                            | 24. 64   |

course—annual examination, June, 1915—199 members.

| Mechanics. | Electricity<br>and<br>magnetism. | Direct and<br>alternating<br>current. | English. | Lan-<br>guages. | Effi-<br>ciency. | Practice<br>cruise. | Demerits<br>(sub-<br>tract). | Aggre-<br>gate. |
|------------|----------------------------------|---------------------------------------|----------|-----------------|------------------|---------------------|------------------------------|-----------------|
| 2          | 20                               | 24                                    | 12       | 20              | 20               | 8                   |                              | 240             |
| 30. 24     | 18. 45                           | 21. 90                                | 11. 16   | 18. 87          | 16. 90           | 7. 06               | 1. 25                        | 214. 75         |
| 27. 68     | 18. 15                           | 21. 84                                | 11. 01   | 17. 64          | 16. 60           | 7. 08               | . 50                         | 213. 45         |
| 29. 92     | 18. 40                           | 22. 44                                | 9. 93    | 16. 91          | 16. 25           | 6. 58               | . 45                         | 213. 19         |
| 30. 00     | 18. 20                           | 21. 54                                | 9. 90    | 17. 02          | 16. 15           | 7. 14               | . 40                         | 210. 90         |
| 26. 64     | 18. 40                           | 21. 84                                | 10. 68   | 18. 02          | 16. 85           | 6. 70               | . 55                         | 209. 17         |
| 26. 80     | 17. 50                           | 21. 00                                | 10. 92   | 17. 90          | 17. 50           | 6. 84               | . 70                         | 208. 18         |
| 28. 56     | 18. 00                           | 22. 26                                | 10. 11   | 17. 52          | 15. 70           | 6. 58               | . 70                         | 207. 59         |
| 26. 08     | 16. 75                           | 21. 18                                | 10. 80   | 18. 33          | 17. 00           | 6. 68               | . 90                         | 205. 28         |
| 29. 84     | 17. 70                           | 22. 50                                | 9. 87    | 14. 86          | 15. 20           | 5. 98               | 1. 35                        | 205. 06         |
| 28. 40     | 17. 70                           | 20. 58                                | 10. 68   | 17. 15          | 15. 25           | 6. 80               | . 15                         | 203. 78         |
| 28. 16     | 17. 60                           | 20. 52                                | 9. 48    | 14. 87          | 15. 70           | 6. 20               | . 00                         | 199. 57         |
| 27. 28     | 17. 30                           | 21. 30                                | 10. 29   | 15. 22          | 16. 00           | 6. 34               | 1. 05                        | 199. 57         |
| 27. 20     | 17. 30                           | 19. 98                                | 9. 27    | 14. 79          | 16. 00           | 6. 36               | . 00                         | 199. 35         |
| 27. 12     | 16. 85                           | 20. 58                                | 9. 84    | 18. 65          | 15. 80           | 6. 46               | 1. 30                        | 199. 22         |
| 27. 04     | 16. 50                           | 19. 32                                | 10. 32   | 16. 48          | 14. 90           | 6. 86               | . 80                         | 197. 74         |
| 26. 40     | 16. 35                           | 20. 16                                | 9. 45    | 17. 15          | 15. 65           | 6. 84               | . 80                         | 197. 34         |
| 27. 84     | 17. 80                           | 20. 58                                | 9. 12    | 16. 90          | 14. 90           | 6. 46               | 6. 10                        | 196. 38         |
| 25. 60     | 16. 40                           | 20. 28                                | 10. 35   | 16. 92          | 15. 50           | 6. 66               | 2. 40                        | 196. 32         |
| 28. 48     | 15. 90                           | 19. 86                                | 9. 66    | 16. 29          | 14. 60           | 6. 34               | 1. 70                        | 194. 88         |
| 27. 60     | 16. 80                           | 20. 16                                | 9. 84    | 17. 69          | 14. 35           | 5. 80               | 2. 10                        | 194. 05         |
| 25. 36     | 15. 50                           | 20. 46                                | 9. 72    | 17. 83          | 16. 50           | 7. 00               | 1. 05                        | 193. 77         |
| 25. 60     | 17. 05                           | 20. 16                                | 10. 35   | 16. 96          | 14. 60           | 6. 46               | 2. 35                        | 193. 77         |
| 27. 84     | 16. 15                           | 20. 22                                | 8. 55    | 16. 89          | 14. 75           | 6. 36               | 2. 50                        | 193. 65         |
| 24. 96     | 16. 90                           | 19. 44                                | 10. 77   | 16. 78          | 14. 45           | 6. 78               | 6. 20                        | 192. 63         |
| 27. 12     | 17. 55                           | 19. 68                                | 10. 32   | 15. 75          | 14. 90           | 6. 48               | 1. 60                        | 192. 21         |
| 29. 68     | 16. 75                           | 21. 84                                | 9. 45    | 15. 23          | 14. 80           | 6. 04               | 8. 35                        | 191. 96         |
| 26. 80     | 16. 40                           | 19. 62                                | 9. 42    | 14. 45          | 15. 80           | 5. 98               | 1. 40                        | 190. 38         |
| 26. 24     | 15. 90                           | 20. 34                                | 10. 20   | 15. 00          | 16. 10           | 6. 34               | . 80                         | 189. 95         |
| 25. 84     | 16. 10                           | 18. 84                                | 9. 45    | 15. 72          | 14. 35           | 5. 98               | . 70                         | 189. 79         |
| 26. 16     | 16. 85                           | 19. 14                                | 10. 14   | 16. 11          | 15. 50           | 6. 34               | 1. 50                        | 189. 57         |
| 23. 68     | 17. 05                           | 19. 08                                | 9. 33    | 14. 57          | 16. 05           | 6. 64               | 1. 05                        | 189. 23         |
| 25. 20     | 16. 50                           | 20. 04                                | 9. 42    | 13. 68          | 15. 20           | 6. 00               | 1. 85                        | 189. 21         |
| 25. 52     | 16. 40                           | 18. 84                                | 9. 81    | 18. 31          | 15. 40           | 5. 92               | 1. 85                        | 189. 01         |
| 26. 88     | 16. 40                           | 18. 60                                | 9. 24    | 15. 22          | 15. 90           | 6. 36               | 2. 25                        | 188. 78         |
| 23. 76     | 14. 55                           | 17. 94                                | 9. 96    | 17. 55          | 16. 30           | 6. 98               | 1. 15                        | 187. 86         |
| 24. 32     | 15. 80                           | 20. 52                                | 9. 63    | 15. 41          | 15. 30           | 6. 44               | 1. 65                        | 187. 78         |
| 25. 04     | 17. 35                           | 19. 38                                | 9. 24    | 15. 00          | 15. 55           | 6. 38               | . 15                         | 187. 54         |
| 27. 36     | 15. 20                           | 17. 70                                | 9. 27    | 14. 11          | 15. 25           | 6. 24               | . 10                         | 187. 33         |

*Merit roll of the present first class for the third year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                   | Ord-<br>nance. | Naviga-<br>tion. | Boilers<br>and<br>mecha-<br>nism. | Engines. |
|--|--------------------------|----------------|------------------|-----------------------------------|----------|
|  | Maxima.....              | 12             | 36               | 24                                | 32       |
| 39   | Major, E. M.....         | 9.96           | 29.07            | 18.18                             | 24.80    |
| 40   | Borden, W. E., jr.....   | 9.99           | 29.43            | 18.72                             | 24.96    |
| 41   | Terhune, J. A.....       | 10.11          | 29.43            | 19.20                             | 25.36    |
| 42   | Kitts, W. A., 3d.....    | 9.96           | 28.62            | 17.64                             | 23.92    |
| 43   | Northern, P. L., jr..... | 10.44          | 28.89            | 17.58                             | 25.44    |
| 44   | Lyle, C. H.....          | 9.51           | 28.26            | 17.88                             | 24.08    |
| 45   | Morgan, G.....           | 9.96           | 27.81            | 17.64                             | 26.40    |
| 46   | Beatty, F. E., jr.....   | 10.26          | 29.88            | 17.58                             | 23.28    |
| 47   | Hawthorne, W. G.....     | 11.04          | 28.71            | 17.52                             | 25.68    |
| 48   | Swenson, L. K.....       | 9.78           | 29.61            | 18.00                             | 23.92    |
| 49   | Radford, A. W.....       | 10.59          | 29.43            | 19.32                             | 27.68    |
| 50   | Solberg, T. A.....       | 9.87           | 27.54            | 17.34                             | 24.64    |
| 51   | Geisenhoff, A. C.....    | 10.11          | 28.98            | 18.66                             | 26.16    |
| †52  | Alexander, B. R.....     | 7.38           | 30.51            | 17.70                             | 22.80    |
| 53   | Vincent, J. A.....       | 10.77          | 27.27            | 18.00                             | 25.04    |
| 54   | Dague, B. S.....         | 9.81           | 28.35            | 18.30                             | 24.00    |
| 55   | Emerson, A. T.....       | 10.05          | 28.89            | 18.12                             | 24.64    |
| 56   | Kercher, M. A.....       | 9.96           | 27.99            | 16.98                             | 24.24    |
| ‡57  | Jenkins, B. F.....       | 10.20          | 29.79            | 16.74                             | 24.40    |
| 58   | Bloom, J. M.....         | 9.60           | 29.16            | 18.30                             | 23.36    |
| 59   | Craven, F. B.....        | 10.20          | 26.91            | 18.78                             | 25.04    |
| 60   | Martin, G. F.....        | 9.93           | 25.83            | 17.28                             | 25.20    |
| 61   | Sauer, E. P.....         | 10.14          | 28.62            | 18.60                             | 25.20    |
| 62   | Claghorn, R. R.....      | 8.97           | 30.60            | 16.08                             | 22.88    |
| 63   | Kalk, S. F.....          | 9.39           | 29.25            | 18.18                             | 23.92    |
| 64   | Roper, C. H.....         | 9.93           | 27.45            | 17.94                             | 23.12    |
| 65   | Ericsson, E. L.....      | 9.72           | 29.07            | 17.82                             | 23.28    |
| 66   | Carney, R. B.....        | 10.17          | 27.99            | 18.66                             | 25.52    |
| 67   | Carson, J. H.....        | 10.05          | 28.17            | 18.12                             | 22.96    |
| 68   | Broadfoot, H. B.....     | 9.03           | 29.07            | 16.74                             | 22.32    |
| 69   | Earnhardt, E. S.....     | 9.96           | 26.82            | 16.50                             | 24.24    |
| 70   | Carlson, M. O.....       | 9.75           | 27.09            | 17.58                             | 24.08    |
| 71   | Williams, J. E.....      | 10.08          | 25.56            | 19.02                             | 23.20    |
| 72   | Moore, A. J.....         | 10.17          | 29.34            | 16.86                             | 22.80    |
| 73   | Bunnell, G. F.....       | 9.51           | 27.90            | 17.58                             | 22.88    |
| 74   | Bateman, A. H.....       | 9.36           | 28.89            | 16.68                             | 22.08    |
| 75   | Mayer, A. D.....         | 10.08          | 25.56            | 16.98                             | 24.88    |
| 76   | Vail, L. R.....          | 10.11          | 26.73            | 16.38                             | 24.80    |

*course—annual examination, June, 1915—199 members—Continued.*

| Mechanics. | Electricity<br>and<br>magnetism. | Direct and<br>alternating<br>current. | English. | Lan-<br>guages. | Effi-<br>ciency. | Practice<br>cruise. | Dem-rits<br>(sub-<br>tract). | Aggre-<br>gate. |
|------------|----------------------------------|---------------------------------------|----------|-----------------|------------------|---------------------|------------------------------|-----------------|
| 32         | 20                               | 24                                    | 12       | 20              | 20               | 8                   |                              | 240             |
| 24. 88     | 14. 75                           | 19. 08                                | 10. 08   | 15. 28          | 15. 55           | 6. 42               | 0. 90                        | 187. 15         |
| 24. 00     | 15. 55                           | 18. 18                                | 9. 12    | 17. 19          | 15. 50           | 6. 16               | 1. 80                        | 187. 00         |
| 26. 08     | 15. 65                           | 20. 10                                | 9. 30    | 14. 80          | 15. 80           | 6. 10               | 5. 30                        | 186. 63         |
| 26. 88     | 16. 15                           | 18. 78                                | 9. 60    | 15. 69          | 14. 70           | 6. 12               | 1. 45                        | 186. 61         |
| 22. 96     | 15. 65                           | 18. 72                                | 9. 30    | 15. 23          | 16. 55           | 6. 28               | . 45                         | 186. 59         |
| 26. 40     | 15. 95                           | 18. 96                                | 9. 45    | 15. 93          | 15. 00           | 6. 72               | 1. 70                        | 186. 44         |
| 26. 24     | 15. 80                           | 19. 26                                | 9. 03    | 13. 83          | 14. 95           | 5. 64               | . 80                         | 185. 76         |
| 26. 24     | 15. 25                           | 18. 18                                | 9. 18    | 14. 26          | 16. 15           | 6. 72               | 1. 30                        | 185. 68         |
| 22. 16     | 14. 85                           | 18. 06                                | 11. 07   | 16. 20          | 15. 05           | 6. 34               | 1. 25                        | 185. 43         |
| 26. 72     | 17. 15                           | 19. 20                                | 10. 23   | 13. 04          | 14. 85           | 5. 76               | 2. 95                        | 185. 31         |
| 22. 72     | 14. 85                           | 18. 30                                | 9. 57    | 14. 23          | 15. 00           | 6. 40               | 2. 85                        | 185. 24         |
| 25. 28     | 16. 35                           | 18. 54                                | 9. 21    | 15. 33          | 16. 25           | 6. 58               | 1. 70                        | 185. 23         |
| 24. 40     | 15. 30                           | 18. 48                                | 9. 21    | 15. 39          | 14. 40           | 6. 06               | 1. 95                        | 185. 20         |
| 29. 12     | 16. 75                           | 18. 06                                | 10. 05   | 14. 79          | 15. 30           | 5. 84               | 3. 60                        | 184. 70         |
| 25. 84     | 16. 00                           | 19. 32                                | 9. 18    | 14. 05          | 14. 95           | 5. 92               | 2. 70                        | 183. 64         |
| 24. 88     | 16. 50                           | 19. 20                                | 9. 96    | 15. 39          | 14. 25           | 5. 94               | 3. 15                        | 183. 43         |
| 22. 32     | 15. 25                           | 16. 08                                | 9. 96    | 15. 76          | 16. 65           | 5. 66               | . 05                         | 183. 33         |
| 27. 52     | 15. 65                           | 19. 62                                | 8. 82    | 14. 63          | 14. 55           | 6. 30               | 4. 10                        | 182. 16         |
| 23. 04     | 15. 80                           | 18. 78                                | 9. 51    | 13. 66          | 15. 00           | 6. 10               | 1. 10                        | 181. 92         |
| 25. 84     | 15. 25                           | 18. 06                                | 9. 00    | 15. 24          | 15. 15           | 6. 10               | 3. 15                        | 181. 91         |
| 23. 76     | 15. 80                           | 18. 36                                | 9. 27    | 13. 73          | 14. 95           | 6. 66               | 1. 65                        | 181. 81         |
| 23. 68     | 16. 10                           | 19. 80                                | 9. 03    | 15. 11          | 14. 55           | 6. 04               | 1. 10                        | 181. 45         |
| 24. 64     | 14. 20                           | 16. 74                                | 8. 55    | 13. 88          | 14. 70           | 6. 52               | . 70                         | 181. 09         |
| 22. 96     | 15. 05                           | 17. 64                                | 9. 00    | 16. 30          | 15. 60           | 6. 28               | . 40                         | 180. 96         |
| 25. 76     | 14. 80                           | 17. 04                                | 8. 91    | 14. 34          | 14. 20           | 6. 54               | 1. 65                        | 180. 68         |
| 23. 12     | 15. 90                           | 17. 40                                | 9. 45    | 15. 46          | 14. 65           | 6. 18               | . 30                         | 180. 30         |
| 24. 00     | 14. 20                           | 17. 64                                | 9. 75    | 13. 75          | 15. 35           | 6. 12               | . 60                         | 180. 10         |
| 22. 40     | 15. 25                           | 18. 30                                | 10. 38   | 18. 00          | 15. 25           | 5. 84               | 8. 15                        | 179. 61         |
| 24. 80     | 15. 30                           | 17. 60                                | 8. 49    | 13. 09          | 15. 65           | 6. 30               | . 95                         | 179. 58         |
| 23. 84     | 14. 80                           | 16. 86                                | 9. 54    | 16. 57          | 15. 60           | 5. 82               | . 70                         | 179. 49         |
| 23. 36     | 15. 30                           | 19. 26                                | 8. 58    | 15. 42          | 14. 80           | 6. 34               | 1. 55                        | 179. 03         |
| 23. 36     | 15. 70                           | 16. 74                                | 8. 91    | 16. 24          | 15. 90           | 6. 50               | 3. 10                        | 178. 75         |
| 23. 12     | 17. 20                           | 17. 94                                | 9. 60    | 14. 08          | 15. 45           | 6. 58               | 3. 10                        | 178. 73         |
| 23. 04     | 14. 80                           | 17. 04                                | 8. 97    | 15. 23          | 15. 55           | 5. 90               | 1. 20                        | 178. 50         |
| 23. 44     | 15. 05                           | 17. 70                                | 9. 78    | 15. 03          | 15. 20           | 6. 18               | 1. 80                        | 178. 45         |
| 22. 64     | 14. 95                           | 18. 42                                | 10. 29   | 14. 09          | 15. 90           | 6. 10               | 1. 55                        | 177. 85         |
| 23. 36     | 15. 15                           | 18. 84                                | 9. 09    | 15. 26          | 15. 80           | 6. 32               | 3. 55                        | 177. 77         |
| 23. 04     | 15. 60                           | 18. 06                                | 8. 97    | 13. 74          | 15. 60           | 6. 08               | 1. 40                        | 177. 71         |

*Merit roll of the present first class for the third year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                   | Ord-<br>nance. | Naviga-<br>tion. | Boilers<br>and<br>mecha-<br>nism. | Engines. |
|--|--------------------------|----------------|------------------|-----------------------------------|----------|
|  |                          | 12             | 36               | 24                                | 32       |
| H77  | Gregory, J. W.....       | 9. 15          | 26. 64           | 17. 70                            | 22. 40   |
| 78   | Summers, G. W.....       | 9. 72          | 28. 62           | 16. 80                            | 23. 76   |
| ik79   | MacKay, W. E.....        | 9. 69          | 26. 91           | 16. 80                            | 22. 80   |
| 80   | Cauldwell, O. R.....     | 8. 97          | 28. 08           | 16. 56                            | 21. 20   |
| 81   | Brewster, G. P., jr..... | 9. 63          | 29. 61           | 17. 58                            | 23. 12   |
| 82   | Patterson, T. T.....     | 10. 11         | 26. 10           | 17. 52                            | 26. 72   |
| 83   | Kenworthy, J. L.....     | 9. 81          | 25. 74           | 17. 22                            | 23. 04   |
| 84   | Halpine, C. G.....       | 9. 57          | 25. 38           | 16. 38                            | 24. 80   |
| 85   | Schrader, A. E.....      | 9. 09          | 28. 80           | 16. 14                            | 21. 92   |
| 86   | Selman, A. J.....        | 10. 35         | 28. 53           | 18. 30                            | 24. 40   |
| 87   | Ryan, D. L.....          | 10. 17         | 28. 08           | 18. 72                            | 25. 20   |
| 88   | Phelps, H. L.....        | 9. 78          | 26. 37           | 17. 16                            | 24. 32   |
| 89   | Steele, J. M.....        | 9. 42          | 25. 92           | 17. 10                            | 23. 68   |
| 90   | Ragsdale, V. H.....      | 9. 99          | 26. 91           | 16. 98                            | 23. 92   |
| 91   | Thompson, W. M.....      | 10. 17         | 27. 27           | 17. 40                            | 24. 96   |
| 92   | Betts, J. E.....         | 9. 39          | 26. 10           | 17. 16                            | 23. 44   |
| 93   | White, H. J.....         | 9. 60          | 25. 11           | 16. 14                            | 24. 08   |
| 94   | Holcombe, B. R.....      | 9. 57          | 28. 08           | 15. 60                            | 22. 64   |
| 95   | Gates, N. N.....         | 9. 45          | 27. 09           | 16. 14                            | 21. 84   |
| 95   | Wheeler, C. J.....       | 9. 69          | 26. 37           | 17. 10                            | 22. 08   |
| 97   | Walker, R. J.....        | 9. 60          | 27. 00           | 17. 34                            | 24. 08   |
| 98   | Joy, C. T.....           | 9. 60          | 26. 28           | 16. 44                            | 23. 76   |
| 99   | Fraser, A. E.....        | 9. 42          | 27. 09           | 16. 80                            | 21. 60   |
| 100  | Simms, J. W.....         | 10. 11         | 25. 47           | 16. 44                            | 24. 64   |
| 101  | Rutledge, P. W.....      | 9. 78          | 27. 63           | 17. 64                            | 23. 60   |
| 102  | Goen, P. S.....          | 9. 72          | 27. 72           | 17. 94                            | 23. 52   |
| ip103  | Alger, M. M.....         | 9. 48          | 26. 55           | 17. 76                            | 21. 36   |
| 104  | Webb, W. W.....          | 9. 15          | 25. 92           | 16. 98                            | 23. 36   |
| 105  | Fallon, H. N.....        | 9. 93          | 28. 80           | 15. 48                            | 24. 40   |
| 106  | Berwind, C. G.....       | 8. 94          | 25. 20           | 17. 58                            | 22. 40   |
| 107  | Wilkes, J.....           | 9. 33          | 25. 83           | 17. 88                            | 22. 32   |
| 108  | Cole, M.....             | 9. 81          | 26. 46           | 17. 46                            | 22. 88   |
| 109  | Webb, A. W.....          | 8. 70          | 24. 75           | 17. 46                            | 22. 80   |
| 110  | Casey, W. R.....         | 9. 21          | 27. 63           | 17. 46                            | 22. 08   |
| 111  | Feineman, W. W.....      | 9. 03          | 25. 92           | 16. 08                            | 22. 16   |
| 112  | Grosskopf, H. L.....     | 9. 51          | 28. 17           | 17. 58                            | 21. 36   |
| 113  | Reinburg, J. E.....      | 9. 33          | 26. 46           | 17. 22                            | 24. 72   |
| 114  | Kirtland, F. D.....      | 9. 93          | 25. 20           | 16. 98                            | 23. 12   |

*course—annual examination, June, 1915—199 members—Continued.*

| Mechanics. | Electricity<br>and<br>magnetism. | Direct and<br>alternating<br>current. | English. | Lan-<br>guages. | Effi-<br>ciency. | Practice<br>cruise. | Demerits<br>(sub-<br>tract). | Aggre-<br>gate. |
|------------|----------------------------------|---------------------------------------|----------|-----------------|------------------|---------------------|------------------------------|-----------------|
| 32         | 20                               | 24                                    | 12       | 20              | 20               | 8                   |                              | 240             |
| 24.88      | 15.55                            | 17.04                                 | 9.39     | 14.35           | 15.05            | 6.28                | 1.10                         | 177.33          |
| 23.76      | 14.40                            | 18.90                                 | 8.58     | 14.23           | 14.45            | 6.32                | 2.35                         | 177.19          |
| 21.60      | 15.05                            | 17.52                                 | 9.30     | 15.64           | 15.90            | 6.38                | .50                          | 177.09          |
| 21.20      | 14.40                            | 17.34                                 | 9.72     | 17.43           | 16.25            | 6.44                | .60                          | 176.99          |
| 24.16      | 15.05                            | 19.32                                 | 9.00     | 14.89           | 14.15            | 5.46                | 5.10                         | 176.87          |
| 21.12      | 14.40                            | 17.22                                 | 10.05    | 14.29           | 14.85            | 6.96                | 2.60                         | 176.74          |
| 21.28      | 14.60                            | 17.64                                 | 9.42     | 14.63           | 16.85            | 6.42                | .05                          | 176.60          |
| 22.64      | 14.30                            | 15.24                                 | 9.75     | 17.26           | 15.85            | 7.14                | 2.00                         | 176.31          |
| 23.04      | 14.90                            | 17.82                                 | 8.46     | 16.51           | 15.90            | 5.96                | 2.60                         | 175.94          |
| 22.88      | 15.40                            | 17.46                                 | 9.15     | 14.96           | 14.90            | 6.52                | 7.00                         | 175.85          |
| 24.48      | 14.35                            | 16.86                                 | 8.70     | 14.27           | 14.85            | 6.06                | 5.95                         | 175.79          |
| 21.76      | 13.85                            | 16.26                                 | 9.24     | 16.59           | 14.35            | 6.22                | .25                          | 175.65          |
| 23.20      | 14.70                            | 18.12                                 | 8.76     | 14.34           | 15.20            | 6.28                | 1.30                         | 175.42          |
| 23.76      | 14.80                            | 17.64                                 | 8.88     | 15.04           | 14.55            | 6.00                | 3.10                         | 175.37          |
| 23.28      | 15.65                            | 18.54                                 | 9.30     | 14.61           | 15.10            | 6.28                | 7.50                         | 175.06          |
| 20.72      | 13.70                            | 16.38                                 | 9.12     | 17.88           | 15.55            | 6.64                | 1.15                         | 174.93          |
| 20.96      | 14.25                            | 17.22                                 | 10.32    | 18.16           | 15.45            | 5.62                | 2.00                         | 174.91          |
| 21.68      | 14.55                            | 15.00                                 | 10.44    | 15.00           | 15.95            | 6.78                | .45                          | 174.84          |
| 24.96      | 14.50                            | 15.96                                 | 9.75     | 16.01           | 14.60            | 6.38                | 1.90                         | 174.78          |
| 22.56      | 15.05                            | 17.04                                 | 9.66     | 15.99           | 15.50            | 6.34                | 2.60                         | 174.78          |
| 24.96      | 14.55                            | 17.82                                 | 8.19     | 13.13           | 14.55            | 6.34                | 2.85                         | 174.71          |
| 22.40      | 14.90                            | 17.04                                 | 9.12     | 15.22           | 15.60            | 6.60                | 2.40                         | 174.56          |
| 22.56      | 15.45                            | 17.22                                 | 9.12     | 14.32           | 15.50            | 6.46                | 1.00                         | 174.54          |
| 21.12      | 13.95                            | 17.28                                 | 10.02    | 14.30           | 15.25            | 6.30                | .45                          | 174.43          |
| 22.48      | 15.05                            | 16.38                                 | 9.78     | 15.40           | 14.35            | 6.24                | 4.00                         | 174.33          |
| 22.64      | 14.90                            | 16.50                                 | 9.42     | 15.29           | 15.15            | 6.18                | 4.70                         | 174.28          |
| 26.48      | 15.40                            | 18.18                                 | 9.33     | 13.44           | 14.85            | 5.96                | 4.55                         | 174.24          |
| 23.52      | 15.40                            | 17.10                                 | 9.12     | 15.08           | 15.00            | 6.52                | 3.05                         | 174.10          |
| 21.44      | 15.05                            | 19.02                                 | 8.88     | 13.89           | 13.80            | 6.20                | 2.90                         | 173.99          |
| 22.32      | 14.70                            | 17.46                                 | 8.85     | 13.74           | 16.05            | 6.88                | .80                          | 173.32          |
| 22.24      | 14.15                            | 17.10                                 | 9.12     | 13.68           | 15.75            | 6.16                | .65                          | 172.91          |
| 23.76      | 13.20                            | 17.10                                 | 8.88     | 14.19           | 15.10            | 5.80                | 1.75                         | 172.89          |
| 23.04      | 15.15                            | 16.50                                 | 8.67     | 15.01           | 15.45            | 6.26                | .95                          | 172.84          |
| 22.00      | 14.45                            | 16.26                                 | 8.79     | 13.86           | 14.95            | 6.30                | .50                          | 172.49          |
| 22.16      | 14.75                            | 17.52                                 | 9.21     | 16.35           | 15.60            | 6.48                | 2.80                         | 172.46          |
| 22.96      | 14.95                            | 15.90                                 | 9.18     | 14.30           | 15.95            | 6.22                | 3.70                         | 172.38          |
| 22.88      | 14.35                            | 16.08                                 | 8.88     | 14.14           | 15.45            | 6.06                | 3.25                         | 172.32          |
| 21.28      | 14.40                            | 17.10                                 | 9.03     | 14.32           | 15.30            | 6.54                | .90                          | 172.30          |

*Merit roll of the present first class for the third year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                   | Ord-<br>nance. | Navi-<br>gation. | Boilers<br>and<br>mecha-<br>nism. | Engines. |
|--|--------------------------|----------------|------------------|-----------------------------------|----------|
|  | Maxima.....              | 12             | 36               | 24                                | 32       |
| 115  | Burhans, A. D.....       | 8. 97          | 26. 73           | 17. 64                            | 21. 68   |
| 116  | Roberts, J. S., jr.....  | 9. 60          | 26. 01           | 16. 50                            | 25. 12   |
| 117  | Ginder, S. P.....        | 9. 15          | 26. 28           | 16. 98                            | 23. 84   |
| 118  | Durgin, C. T.....        | 9. 27          | 25. 92           | 16. 74                            | 24. 00   |
| 118  | Erickson, O. W.....      | 9. 39          | 26. 82           | 16. 68                            | 21. 92   |
| 120  | Flood, B. P.....         | 9. 72          | 26. 82           | 16. 20                            | 22. 96   |
| 121  | Bacon, W. P.....         | 9. 06          | 27. 18           | 17. 70                            | 21. 60   |
| 122  | Merwin, H. C.....        | 9. 60          | 25. 47           | 17. 04                            | 23. 36   |
| 123  | Ryan, J. B.....          | 9. 45          | 25. 56           | 16. 02                            | 21. 68   |
| 124  | Root, A. B.....          | 9. 51          | 26. 91           | 16. 20                            | 22. 80   |
| 125  | Watters, J. S., jr.....  | 9. 60          | 25. 56           | 15. 96                            | 21. 60   |
| 126  | Wynkoop, N. O.....       | 9. 33          | 26. 46           | 16. 74                            | 23. 20   |
| 127  | Chapline, G. F.....      | 9. 66          | 25. 20           | 16. 38                            | 24. 00   |
| 128  | Rhudy, A. M.....         | 9. 75          | 24. 93           | 16. 98                            | 22. 88   |
| 129  | Twining, R. B.....       | 9. 60          | 27. 36           | 15. 84                            | 20. 56   |
| 130  | Woodward, D. C.....      | 9. 93          | 26. 19           | 16. 86                            | 23. 84   |
| 131  | Sternberg, J. A.....     | 9. 60          | 23. 94           | 16. 98                            | 23. 68   |
| il132  | Jefferis, L. V.....      | 9. 39          | 25. 29           | 17. 16                            | 22. 48   |
| 133  | Baugh, H. V. C.....      | 8. 94          | 26. 01           | 17. 04                            | 22. 40   |
| 134  | Cowles, W. B.....        | 9. 45          | 27. 54           | 17. 40                            | 24. 24   |
| 135  | Lawson, J. H.....        | 9. 75          | 24. 48           | 16. 32                            | 22. 24   |
| 136  | Carr, T. De W.....       | 9. 60          | 24. 75           | 17. 70                            | 23. 92   |
| 137  | Gilliam, C. T.....       | 8. 91          | 24. 66           | 15. 96                            | 21. 92   |
| 138  | Kirtland, S. W.....      | 9. 66          | 26. 28           | 16. 50                            | 23. 68   |
| 139  | Webb, R. E.....          | 8. 82          | 24. 12           | 17. 64                            | 22. 64   |
| 140  | Cecil, C. P.....         | 9. 33          | 25. 92           | 16. 56                            | 21. 84   |
| 141  | Miller, W. E.....        | 9. 93          | 24. 48           | 16. 74                            | 23. 28   |
| 142  | Mayfield, S. G., jr..... | 9. 24          | 24. 66           | 16. 26                            | 21. 44   |
| 143  | Keady, W. L.....         | 9. 96          | 25. 92           | 17. 22                            | 22. 48   |
| 144  | Forrestel, W. J.....     | 9. 21          | 26. 01           | 15. 96                            | 22. 08   |
| il145  | Swink, R. C.....         | 9. 54          | 25. 92           | 16. 80                            | 23. 60   |
| f146   | Gibson, M. E.....        | 9. 45          | 26. 64           | 16. 14                            | 21. 60   |
| il147  | McFall, A. C.....        | 9. 24          | 25. 83           | 15. 96                            | 21. 60   |
| 148  | Warner, T. D.....        | 9. 12          | 24. 12           | 16. 44                            | 23. 04   |
| †149   | Blackburn, C. K.....     | 8. 28          | 27. 09           | 16. 02                            | 20. 72   |
| ijG150   | Wessell, L. P.....       | 9. 36          | 24. 30           | 18. 84                            | 23. 52   |
| 151  | Herndon, L.....          | 8. 67          | 24. 93           | 15. 78                            | 21. 76   |
| 152  | Rogers, A. C.....        | 9. 33          | 24. 57           | 16. 32                            | 21. 04   |

*course—annual examination, June, 1915—199 members—Continued.*

| Mechanics. | Electricity<br>and<br>magnetism. | Direct and<br>alternating<br>current. | English. | Lan-<br>guages. | Effi-<br>ciency. | Practice<br>cruise. | Demerits<br>(sub-<br>tract). | Aggre-<br>gate. |
|------------|----------------------------------|---------------------------------------|----------|-----------------|------------------|---------------------|------------------------------|-----------------|
| 32         | 20                               | 24                                    | 12       | 20              | 20               | 8                   |                              | 240             |
| 23.44      | 14.40                            | 17.28                                 | 8.91     | 15.84           | 14.65            | 5.48                | 2.85                         | 172.17          |
| 22.48      | 14.15                            | 17.34                                 | 8.88     | 14.46           | 14.45            | 6.34                | 3.25                         | 172.08          |
| 24.00      | 14.90                            | 15.36                                 | 8.25     | 13.76           | 15.00            | 6.22                | 2.10                         | 171.64          |
| 24.16      | 13.80                            | 17.04                                 | 8.19     | 14.04           | 15.35            | 6.06                | 3.00                         | 171.57          |
| 21.92      | 14.70                            | 16.38                                 | 9.54     | 13.63           | 15.35            | 6.34                | 1.10                         | 171.57          |
| 21.44      | 13.85                            | 16.86                                 | 9.30     | 16.79           | 15.30            | 5.84                | 3.65                         | 171.43          |
| 22.80      | 14.25                            | 16.68                                 | 9.27     | 13.61           | 15.15            | 6.00                | 1.95                         | 171.35          |
| 21.52      | 14.50                            | 15.36                                 | 8.79     | 14.36           | 15.15            | 6.30                | .25                          | 171.20          |
| 23.28      | 14.50                            | 16.56                                 | 8.25     | 14.12           | 15.50            | 6.50                | .60                          | 170.82          |
| 22.00      | 14.70                            | 16.32                                 | 8.58     | 13.87           | 15.30            | 6.76                | 2.20                         | 170.75          |
| 22.00      | 13.90                            | 15.96                                 | 9.66     | 16.90           | 14.65            | 6.24                | 1.55                         | 170.48          |
| 22.80      | 13.45                            | 16.86                                 | 8.31     | 12.68           | 15.50            | 6.24                | 1.10                         | 170.47          |
| 21.76      | 14.25                            | 16.62                                 | 8.76     | 13.35           | 16.10            | 6.26                | 2.00                         | 170.34          |
| 23.92      | 14.45                            | 18.08                                 | 8.91     | 13.15           | 14.70            | 6.10                | 3.95                         | 169.90          |
| 22.08      | 13.20                            | 16.26                                 | 9.42     | 14.40           | 16.15            | 6.02                | 1.10                         | 169.79          |
| 21.28      | 14.35                            | 16.08                                 | 9.18     | 14.04           | 14.70            | 6.36                | 3.05                         | 169.76          |
| 25.04      | 14.30                            | 15.84                                 | 8.88     | 13.12           | 15.00            | 6.74                | 3.55                         | 169.57          |
| 22.48      | 14.45                            | 16.80                                 | 9.33     | 13.63           | 14.15            | 5.70                | 1.35                         | 169.51          |
| 24.48      | 14.30                            | 15.90                                 | 9.30     | 14.32           | 15.15            | 6.18                | 4.60                         | 169.42          |
| 23.84      | 13.80                            | 16.62                                 | 8.76     | 13.78           | 14.25            | 5.88                | 6.20                         | 169.36          |
| 20.80      | 13.85                            | 16.56                                 | 9.99     | 14.89           | 15.30            | 6.22                | 1.25                         | 169.15          |
| 21.04      | 13.85                            | 15.18                                 | 7.98     | 14.52           | 15.90            | 6.34                | 1.85                         | 168.93          |
| 21.92      | 13.40                            | 16.74                                 | 9.12     | 14.30           | 15.80            | 6.64                | .60                          | 168.77          |
| 22.16      | 13.65                            | 15.84                                 | 8.67     | 14.23           | 14.55            | 6.36                | 3.10                         | 168.48          |
| 22.72      | 13.55                            | 16.26                                 | 8.40     | 13.42           | 15.85            | 5.94                | .95                          | 168.41          |
| 22.16      | 14.35                            | 15.84                                 | 8.10     | 14.61           | 15.25            | 6.40                | 2.00                         | 168.36          |
| 22.64      | 13.75                            | 15.78                                 | 8.85     | 14.34           | 15.35            | 5.84                | 2.70                         | 168.28          |
| 22.64      | 14.65                            | 15.60                                 | 8.67     | 14.86           | 14.45            | 5.90                | .15                          | 168.22          |
| 22.16      | 13.90                            | 15.96                                 | 8.76     | 14.24           | 15.20            | 6.40                | 4.35                         | 167.85          |
| 22.32      | 15.25                            | 16.38                                 | 9.24     | 14.38           | 14.65            | 6.26                | 4.10                         | 167.64          |
| 22.64      | 13.60                            | 15.78                                 | 7.77     | 14.03           | 14.90            | 5.68                | 2.75                         | 167.51          |
| 22.16      | 13.95                            | 16.32                                 | 9.15     | 13.67           | 15.60            | 6.20                | 3.40                         | 167.48          |
| 21.12      | 13.80                            | 15.96                                 | 9.24     | 13.60           | 15.30            | 6.48                | .95                          | 167.18          |
| 22.24      | 14.80                            | 16.68                                 | 8.34     | 14.13           | 15.20            | 5.80                | 2.75                         | 167.16          |
| 22.16      | 13.85                            | 14.46                                 | 9.90     | 14.65           | 15.40            | 5.92                | 1.60                         | 166.85          |
| 21.20      | 14.35                            | 15.54                                 | 8.97     | 13.28           | 16.25            | 5.74                | 4.55                         | 166.80          |
| 21.20      | 14.50                            | 15.72                                 | 8.40     | 14.24           | 15.00            | 6.24                | .30                          | 166.14          |
| 20.24      | 14.20                            | 16.44                                 | 8.58     | 18.77           | 15.25            | 5.78                | 4.50                         | 166.02          |

*Merit roll of the present first class for the third year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                   | Ord-<br>nance. | Naviga-<br>tion. | Boilers<br>and<br>mecha-<br>nism. | Engines. |
|--|--------------------------|----------------|------------------|-----------------------------------|----------|
|  | Maxima.....              | 12             | 36               | 24                                | 32       |
| 153  | Scott, J. A.....         | 9. 93          | 22. 86           | 16. 86                            | 22. 00   |
| f154   | La Motte, R. S.....      | 9. 57          | 25. 56           | 16. 86                            | 22. 88   |
| 155  | Fuller, E. C.....        | 9. 33          | 26. 46           | 16. 86                            | 22. 80   |
| †H156  | Benson, F. W.....        | 9. 69          | 25. 47           | 16. 02                            | 20. 24   |
| †157   | Jenkins, E. H.....       | 9. 12          | 23. 94           | 15. 78                            | 22. 40   |
| 158  | Jones, R. H.....         | 9. 42          | 25. 74           | 16. 08                            | 21. 76   |
| 159  | Carrington, W. S.....    | 9. 21          | 23. 94           | 17. 16                            | 20. 88   |
| 160  | Zioli, H. W.....         | 9. 36          | 24. 03           | 16. 44                            | 22. 32   |
| 161  | Brown, L. F.....         | 8. 61          | 25. 02           | 15. 96                            | 20. 32   |
| 162  | Cooper, T. V.....        | 9. 45          | 24. 30           | 16. 62                            | 20. 80   |
| 163  | Jones, H. S.....         | 9. 30          | 24. 57           | 16. 98                            | 22. 08   |
| 164  | Cochrane, E. F.....      | 9. 33          | 24. 57           | 15. 54                            | 21. 04   |
| 165  | Jones, R. K.....         | 9. 18          | 23. 49           | 16. 56                            | 20. 56   |
| 166  | Stonestreet, M. B.....   | 9. 39          | 25. 29           | 15. 36                            | 21. 68   |
| †167   | Price, J. D.....         | 9. 36          | 25. 56           | 15. 96                            | 21. 04   |
| 168  | Schott, W. W.....        | 9. 63          | 23. 67           | 16. 62                            | 22. 08   |
| 169  | Smith, E. M.....         | 9. 57          | 23. 94           | 15. 90                            | 22. 80   |
| 170  | Price, W. R.....         | 8. 97          | 22. 95           | 15. 60                            | 20. 00   |
| 171  | McGinnis, K.....         | 9. 15          | 24. 21           | 15. 72                            | 23. 76   |
| 172  | Parker, I.....           | 9. 21          | 24. 12           | 16. 38                            | 22. 16   |
| †173   | Holmes, M. G.....        | 9. 60          | 23. 94           | 15. 30                            | 20. 56   |
| 174  | Hoover, G. C.....        | 9. 99          | 22. 77           | 15. 54                            | 21. 76   |
| 175  | Hilton, C. H.....        | 9. 09          | 23. 49           | 15. 54                            | 22. 16   |
| 176  | Davis, J. K.....         | 9. 09          | 24. 03           | 16. 32                            | 20. 32   |
| †ik177   | Craig, C.....            | 8. 82          | 25. 74           | 16. 56                            | 21. 84   |
| 178  | Redfield, H. J.....      | 8. 07          | 24. 21           | 15. 72                            | 21. 04   |
| ik179  | Hamilton, S. A.....      | 9. 09          | 24. 12           | 15. 90                            | 22. 88   |
| 180  | Cooper, L.....           | 9. 75          | 23. 49           | 15. 54                            | 20. 00   |
| 181  | Jacobsen, A. W.....      | 9. 45          | 23. 13           | 15. 96                            | 22. 16   |
| 182  | Kennedy, R. N.....       | 9. 00          | 23. 40           | 16. 20                            | 20. 08   |
| 183  | Grassie, H. J.....       | 9. 09          | 25. 02           | 16. 02                            | 22. 00   |
| 184  | Evans, C. E.....         | 8. 97          | 24. 30           | 15. 72                            | 21. 12   |
| 185  | Lawrence, N. T., jr..... | 9. 15          | 24. 39           | 15. 96                            | 21. 44   |
| br186  | Tildsley, J. M.....      | 9. 27          | 23. 13           | 15. 96                            | 21. 04   |
| 187  | Davidson, G. D.....      | 8. 67          | 22. 50           | 15. 84                            | 20. 64   |
| il188  | Van Buskirk, R. J.....   | 9. 06          | 24. 12           | 15. 66                            | 21. 52   |
| h¶189  | Heath, W. S.....         | 9. 21          | 24. 12           | 15. 96                            | 19. 52   |
| 190  | Price, G. D.....         | 8. 64          | 24. 30           | 16. 26                            | 22. 16   |

*course—annual examination, June, 1915—199 members—Continued.*

| Mechanics. | Electricity<br>and<br>magnetism. | Direct and<br>alternating<br>current. | English. | Lan-<br>guages. | Effi-<br>ciency. | Practice<br>cruise. | Demerits<br>(sub-<br>tract). | Aggre-<br>gate. |
|------------|----------------------------------|---------------------------------------|----------|-----------------|------------------|---------------------|------------------------------|-----------------|
| 32         | 20                               | 24                                    | 12       | 20              | 20               | 8                   |                              | 240             |
| 21.76      | 13.90                            | 15.24                                 | 9.33     | 13.64           | 15.05            | 5.54                | 0.20                         | 165.91          |
| 20.88      | 13.65                            | 15.78                                 | 8.10     | 16.28           | 14.55            | 5.50                | 3.80                         | 165.81          |
| 20.80      | 14.00                            | 16.92                                 | 8.61     | 13.18           | 14.40            | 5.94                | 3.55                         | 165.75          |
| 22.56      | 13.40                            | 14.88                                 | 9.06     | 13.62           | 15.25            | 6.66                | 1.60                         | 165.25          |
| 22.88      | 14.30                            | 14.76                                 | 8.58     | 15.04           | 15.40            | 5.84                | 2.80                         | 165.24          |
| 22.08      | 13.55                            | 15.66                                 | 8.79     | 14.12           | 15.30            | 6.46                | 3.75                         | 165.21          |
| 22.00      | 14.50                            | 16.56                                 | 9.69     | 14.00           | 15.15            | 5.84                | 3.85                         | 165.08          |
| 22.08      | 13.65                            | 15.54                                 | 8.46     | 17.63           | 14.75            | 6.16                | 5.40                         | 165.02          |
| 21.44      | 13.45                            | 16.74                                 | 8.85     | 15.88           | 14.80            | 6.12                | 2.60                         | 164.59          |
| 24.40      | 13.95                            | 16.44                                 | 9.24     | 13.55           | 14.50            | 6.06                | 4.90                         | 164.41          |
| 20.64      | 13.25                            | 15.30                                 | 8.04     | 13.69           | 14.75            | 6.30                | .65                          | 164.25          |
| 20.80      | 13.80                            | 15.39                                 | 8.97     | 14.66           | 15.10            | 5.78                | .75                          | 164.14          |
| 22.64      | 14.15                            | 15.60                                 | 8.49     | 14.16           | 14.99            | 5.72                | 1.85                         | 164.00          |
| 20.08      | 14.00                            | 16.14                                 | 8.88     | 13.88           | 14.10            | 6.26                | 1.10                         | 163.96          |
| 20.88      | 13.85                            | 14.88                                 | 8.52     | 15.11           | 14.80            | 6.50                | 2.60                         | 163.86          |
| 20.56      | 14.65                            | 15.48                                 | 9.30     | 15.10           | 15.65            | 6.18                | 5.10                         | 163.82          |
| 21.92      | 13.80                            | 15.36                                 | 8.52     | 13.83           | 13.95            | 6.04                | 2.10                         | 163.53          |
| 21.36      | 14.50                            | 15.12                                 | 8.58     | 14.75           | 15.35            | 5.84                | .00                          | 163.02          |
| 21.12      | 12.90                            | 15.90                                 | 8.70     | 12.69           | 14.80            | 6.08                | 2.20                         | 162.83          |
| 23.52      | 13.90                            | 16.08                                 | 7.98     | 13.60           | 14.60            | 5.50                | 4.40                         | 162.65          |
| 20.08      | 13.30                            | 14.70                                 | 9.33     | 15.95           | 15.20            | 6.66                | 2.10                         | 162.52          |
| 20.32      | 12.65                            | 15.48                                 | 8.85     | 12.78           | 16.00            | 6.46                | .25                          | 162.35          |
| 20.64      | 13.85                            | 15.54                                 | 8.64     | 15.36           | 14.50            | 6.06                | 2.55                         | 162.32          |
| 21.44      | 13.45                            | 16.02                                 | 9.42     | 13.94           | 14.55            | 6.00                | 2.30                         | 162.28          |
| 21.20      | 13.25                            | 14.82                                 | 8.70     | 13.03           | 14.90            | 6.28                | 3.05                         | 162.09          |
| 22.40      | 13.55                            | 16.38                                 | 8.82     | 13.14           | 15.40            | 5.80                | 2.65                         | 161.88          |
| 21.60      | 13.95                            | 15.48                                 | 9.09     | 14.39           | 14.50            | 6.34                | 5.65                         | 161.69          |
| 20.32      | 14.15                            | 16.02                                 | 7.98     | 13.46           | 15.55            | 6.18                | .91                          | 161.54          |
| 20.24      | 14.00                            | 15.48                                 | 8.88     | 13.57           | 15.10            | 6.00                | 2.60                         | 161.37          |
| 21.12      | 13.90                            | 15.12                                 | 7.77     | 13.71           | 15.35            | 6.68                | 1.10                         | 161.23          |
| 21.12      | 13.45                            | 16.20                                 | 9.09     | 14.05           | 13.95            | 6.16                | 5.55                         | 160.60          |
| 20.08      | 12.75                            | 15.06                                 | 9.15     | 13.48           | 15.75            | 6.80                | 2.75                         | 160.43          |
| 20.16      | 13.15                            | 15.36                                 | 8.40     | 13.17           | 15.65            | 6.30                | 2.90                         | 160.23          |
| 20.00      | 13.25                            | 14.16                                 | 8.97     | 12.65           | 15.55            | 6.04                | .20                          | 159.82          |
| 21.68      | 13.25                            | 16.26                                 | 9.21     | 14.41           | 14.75            | 5.24                | 3.10                         | 159.35          |
| 20.08      | 12.85                            | 15.12                                 | 7.86     | 13.34           | 15.40            | 5.78                | 1.85                         | 158.94          |
| 22.32      | 13.40                            | 14.46                                 | 8.64     | 14.19           | 15.40            | 6.00                | 5.50                         | 157.72          |
| 20.96      | 13.80                            | 15.06                                 | 8.70     | 13.47           | 15.60            | 6.26                | 8.60                         | 156.61          |

*Merit roll of the present first class for the third year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                | Ord-<br>nance. | Naviga-<br>tion. | Boilers<br>and<br>mecha-<br>nism. | Engines. |
|--|-----------------------|----------------|------------------|-----------------------------------|----------|
|  | Maxima.....           | 12             | 36               | 24                                | 32       |
| <i>h¶</i> 191  | Failing, R. V. A..... | 8. 52          | 24. 12           | 15. 12                            | 21. 44   |
| <i>br</i> 192  | Marston, F. R.....    | 9. 42          | 23. 22           | 16. 02                            | 22. 24   |
| 193  | Young, C.....         | 9. 87          | 23. 31           | 16. 20                            | 22. 56   |
| 194  | Sawyer, A. L. R.....  | 8. 97          | 23. 40           | 15. 00                            | 21. 60   |
| 195  | Compton, J. P.....    | 8. 91          | 24. 12           | 15. 54                            | 20. 80   |
| <i>br</i> 196  | Stoffel, E. J.....    | 8. 49          | 21. 78           | 15. 06                            | 20. 16   |
| <i>br</i> 197  | Hinton, J.....        | 8. 13          | 21. 78           | 15. 66                            | 19. 28   |
| <i>avf</i>   | Gill, C. C.....       | 9. 24          | 24. 39           | 17. 16                            | 20. 40   |
| <i>a¶ikH</i>   | Meadows, P. L.....    |                |                  |                                   |          |

course—annual examination, June, 1915—199 members—Continued.

| Mechanics. | Electricity<br>and<br>magnetism. | Direct and<br>alternating<br>current. | English. | Lan-<br>guages | Effi-<br>ciency. | Practice<br>cruise. | Demerits<br>(sub-<br>tract). | Aggte-<br>gate. |
|------------|----------------------------------|---------------------------------------|----------|----------------|------------------|---------------------|------------------------------|-----------------|
| 32         | 20                               | 24                                    | 12       | 20             | 20               | 8                   |                              | 240             |
| 22.72      | 13.15                            | 14.28                                 | 8.43     | 12.79          | 14.95            | 5.92                | 5.10                         | 156.34          |
| 18.64      | 12.90                            | 13.86                                 | 7.89     | 13.71          | 14.60            | 6.20                | 2.50                         | 156.20          |
| 20.40      | 13.45                            | 15.72                                 | 8.61     | 13.75          | 14.55            | 5.88                | 8.35                         | 155.95          |
| 20.24      | 13.45                            | 15.66                                 | 8.85     | 13.02          | 14.80            | 5.88                | 6.25                         | 154.62          |
| 21.20      | 13.30                            | 15.42                                 | 8.40     | 13.37          | 13.95            | 5.76                | 6.45                         | 154.32          |
| 20.72      | 12.65                            | 13.86                                 | 8.61     | 13.10          | 14.80            | 6.50                | 1.65                         | 154.08          |
| 20.16      | 13.00                            | 14.82                                 | 8.55     | 13.47          | 14.25            | 6.08                | 6.40                         | 148.78          |
| 20.40      | 13.50                            | 14.88                                 | 8.91     | .....          | 15.70            | 6.40                | 2.55                         | .....           |
| .....      | .....                            | .....                                 | .....    | .....          | 14.85            | 6.04                | .70                          | .....           |

*Merit roll of the present second class for the second year of the academic*

| Order of<br>general<br>merit for<br>the aca-<br>demic<br>year. | Names.                    | Mechanical<br>processes<br>and draw-<br>ing. | Elementary<br>engineering. | Calculus. |
|--|---------------------------|--|----------------------------|-----------|
|  | Maxima.....               | 12   | 16                         | 44        |
| *1   | Haeberle, F. E.....       | 10. 05                                       | 14. 40                     | 39. 74    |
| *2   | Ostrander, J. E., jr..... | 10. 44                                       | 14. 00                     | 40. 17    |
| *3   | McIver, G. W., jr.....    | 9. 93  | 13. 64                     | 41. 44    |
| *4   | Campbell, C.....          | 10. 29                                       | 13. 12                     | 38. 26    |
| *5   | Maples, H. L.....         | 10. 02                                       | 14. 04                     | 40. 52    |
| *6   | Brady, E. E., jr.....     | 9. 96  | 12. 88                     | 38. 80    |
| *7   | Dees, R. E.....           | 9. 51  | 13. 24                     | 39. 94    |
| *8   | Oster, H. R.....          | 9. 21  | 13. 64                     | 39. 21    |
| 9  | Coe, D. W.....            | 9. 60  | 12. 68                     | 40. 53    |
| 10   | Randolph, R. L., jr.....  | 8. 85  | 12. 60                     | 39. 72    |
| 11   | Johnson, C. W.....        | 11. 10                                       | 13. 36                     | 38. 42    |
| 12   | Dean, F. H.....           | 9. 96  | 12. 96                     | 37. 61    |
| 13   | Schumacher, T. L.....     | 9. 93  | 13. 28                     | 36. 71    |
| 14   | Muschlitz, E. E.....      | 9. 84  | 13. 28                     | 38. 27    |
| 15   | McKee, A. I.....          | 10. 26                                       | 13. 68                     | 39. 24    |
| 16   | Rawlings, N. L.....       | 9. 75  | 13. 24                     | 38. 66    |
| ij17   | Fahrion, F. G.....        | 10. 11                                       | 13. 12                     | 39. 35    |
| 18   | Kiland, I. N.....         | 9. 75  | 13. 64                     | 37. 22    |
| 19   | Noble, A.....             | 8. 82  | 12. 04                     | 39. 24    |
| 20   | Douglas, A. D.....        | 9. 84  | 13. 96                     | 32. 64    |
| 21   | Duncan, D. B.....         | 9. 90  | 12. 16                     | 37. 15    |
| 22   | Klein, H. S.....          | 9. 66  | 13. 44                     | 37. 74    |
| 23   | Huschke, P. W. F.....     | 9. 66  | 13. 40                     | 35. 38    |
| Giu24  | Hopkins, W. H., jr.....   | 11. 34                                       | 13. 68                     | 35. 89    |
| 25   | Fox, D. C.....            | 9. 60  | 12. 52                     | 36. 32    |
| 26   | Richards, W. P.....       | 9. 39  | 12. 88                     | 32. 55    |
| 27   | Richmond, J. O'D.....     | 10. 11                                       | 12. 24                     | 37. 18    |
| 28   | Clarke, W. P. O.....      | 10. 50                                       | 13. 52                     | 37. 36    |
| 29   | Wynne, S. J.....          | 9. 06  | 12. 56                     | 33. 47    |
| 30   | De Veaux, L. C.....       | 9. 51  | 12. 88                     | 34. 49    |
| 31   | Woodruff, J. L.....       | 9. 18  | 13. 04                     | 33. 72    |
| 32   | Wainwright, L.....        | 9. 12  | 12. 80                     | 37. 80    |
| 33   | Caldwell, E. B.....       | 9. 87  | 12. 60                     | 33. 84    |
| 34   | Mitchell, E. A.....       | 9. 12  | 12. 96                     | 34. 19    |
| 35   | Shepard, A. G.....        | 9. 30  | 12. 76                     | 36. 45    |
| 36   | Worster, S. H.....        | 10. 20                                       | 13. 00                     | 37. 21    |
| 37   | Shortridge, P. F.....     | 10. 38                                       | 13. 08                     | 35. 18    |
| 38   | Moore, V. J.....          | 8. 76  | 12. 68                     | 37. 94    |

*course—annual examination, June, 1915—233 members.*

| Electrical<br>engineering<br>and<br>physics. | Naval his-<br>tory. | Constitu-<br>tional law. | Modern<br>languages. | Effi-<br>ciency. | Practice<br>cruise. | Total. | Demerits<br>(subtract). | Aggre-<br>gate. |
|--|---------------------|--------------------------|----------------------|------------------|---------------------|--------|-------------------------|-----------------|
| 36   | 8                   | 12                       | 24                   | 4                | 4                   | 160    |                         | 160             |
| 34.54  | 7.44                | 11.16                    | 22.17                | 3.16             | 3.65                | 146.31 | 0.14                    | 146.17          |
| 32.80  | 6.98                | 10.83                    | 22.11                | 3.04             | 3.38                | 143.75 | 1.26                    | 142.49          |
| 30.04  | 7.04                | 10.98                    | 22.86                | 3.17             | 3.33                | 142.43 | .78                     | 141.65          |
| 31.22  | 7.38                | 11.01                    | 22.83                | 3.09             | 3.10                | 140.30 | .18                     | 140.12          |
| 30.17  | 7.18                | 11.13                    | 20.97                | 3.04             | 3.00                | 140.07 | .76                     | 139.31          |
| 31.75  | 6.60                | 10.74                    | 22.71                | 3.09             | 3.08                | 139.61 | .92                     | 138.69          |
| 32.16  | 6.94                | 10.62                    | 19.29                | 3.08             | 3.26                | 138.04 | .66                     | 137.38          |
| 31.84  | 6.68                | 10.53                    | 19.95                | 3.01             | 2.86                | 136.93 | .38                     | 136.55          |
| 32.72  | 6.24                | 10.05                    | 19.14                | 3.05             | 3.17                | 137.18 | 1.24                    | 135.94          |
| 29.59  | 6.98                | 10.32                    | 21.81                | 3.36             | 3.01                | 136.24 | .94                     | 135.30          |
| 31.49  | 6.24                | 8.67                     | 20.10                | 3.19             | 3.31                | 135.88 | .96                     | 134.92          |
| 33.62  | 6.24                | 9.36                     | 17.67                | 3.30             | 3.21                | 133.93 | .48                     | 133.45          |
| 31.12  | 6.24                | 9.48                     | 20.67                | 3.07             | 3.23                | 133.73 | .34                     | 133.39          |
| 31.80  | 6.50                | 10.05                    | 18.48                | 3.12             | 3.13                | 134.47 | 1.66                    | 132.81          |
| 31.23  | 5.34                | 9.18                     | 17.97                | 3.08             | 2.80                | 132.78 | .54                     | 132.24          |
| 30.18  | 6.48                | 9.75                     | 18.42                | 3.11             | 3.56                | 133.15 | 1.34                    | 131.81          |
| 31.16  | 6.36                | 9.57                     | 17.16                | 2.95             | 3.26                | 133.04 | 1.52                    | 131.52          |
| 29.82  | 6.28                | 9.90                     | 18.78                | 3.05             | 3.20                | 131.64 | .70                     | 130.94          |
| 29.93  | 6.20                | 9.00                     | 19.53                | 3.00             | 3.15                | 130.91 | .46                     | 130.45          |
| 30.02  | 7.14                | 10.44                    | 20.31                | 2.98             | 3.22                | 130.55 | .30                     | 130.25          |
| 29.74  | 6.66                | 10.11                    | 21.54                | 3.02             | 2.90                | 133.18 | 3.08                    | 130.10          |
| 30.84  | 6.22                | 10.08                    | 16.68                | 3.02             | 3.05                | 130.73 | .96                     | 129.77          |
| 29.34  | 6.78                | 9.93                     | 19.98                | 2.39             | 3.00                | 120.36 | .66                     | 129.70          |
| 29.76  | 6.56                | 9.87                     | 15.99                | 3.18             | 3.21                | 129.48 | .24                     | 129.24          |
| 28.99  | 6.70                | 9.54                     | 21.03                | 2.97             | 3.27                | 130.94 | 1.84                    | 129.10          |
| 29.25  | 6.52                | 10.08                    | 23.04                | 3.29             | 3.20                | 130.20 | 1.20                    | 129.00          |
| 30.37  | 6.24                | 9.90                     | 17.25                | 3.07             | 3.17                | 129.53 | .68                     | 128.85          |
| 30.74  | 5.72                | 9.06                     | 15.84                | 3.02             | 3.28                | 129.04 | .54                     | 128.50          |
| 29.13  | 6.28                | 10.20                    | 23.25                | 3.09             | 3.24                | 130.28 | 2.18                    | 128.10          |
| 29.10  | 6.14                | 9.36                     | 20.25                | 3.06             | 3.26                | 128.05 | 1.36                    | 126.69          |
| 26.98  | 6.10                | 10.23                    | 21.75                | 2.96             | 3.11                | 127.07 | .46                     | 126.61          |
| 30.50  | 5.26                | 9.15                     | 16.38                | 3.07             | 3.11                | 127.19 | .88                     | 126.31          |
| 27.57  | 5.80                | 9.54                     | 20.91                | 3.12             | 3.25                | 126.50 | .64                     | 125.86          |
| 28.51  | 6.76                | 10.02                    | 18.75                | 3.18             | 2.98                | 126.47 | .66                     | 125.81          |
| 29.64  | 6.46                | 9.39                     | 16.47                | 2.95             | 3.13                | 126.55 | .90                     | 125.65          |
| 29.45  | 5.98                | 8.64                     | 15.54                | 2.97             | 3.29                | 126.28 | .94                     | 125.34          |
| 26.84  | 5.88                | 9.60                     | 18.66                | 3.13             | 3.20                | 125.95 | 1.10                    | 124.85          |
| 28.63  | 5.92                | 9.30                     | 17.13                | 2.89             | 2.78                | 126.03 | 1.42                    | 124.61          |

*Merit roll of the present second class for the second year of the academic*

| Order of<br>general<br>merit for<br>the aca-<br>demic<br>year. | Names.                     | Mechanical<br>processes<br>and draw-<br>ing. | Elementary<br>engineering. | Calculus. |
|--|----------------------------|--|----------------------------|-----------|
|  | Maxima.....                | 12   | 16                         | 44        |
| 39   | Knowles, H. B.....         | 8. 91  | 12. 96                     | 33. 25    |
| 40   | Wallin, H. N.....          | 9. 09  | 11. 76                     | 33. 72    |
| 41   | Tobin, R. G.....           | 8. 97  | 12. 64                     | 36. 64    |
| 42   | Dashiell, R. B.....        | 9. 84  | 12. 64                     | 34. 95    |
| 43   | Small, L. F.....           | 9. 09  | 13. 24                     | 35. 45    |
| 44   | Waldschmidt, T. M.....     | 9. 45  | 13. 08                     | 31. 83    |
| 45   | Calhoun, W. C.....         | 10. 38                                       | 12. 08                     | 36. 88    |
| 46   | Metcalf, J. T.....         | 7. 89  | 11. 88                     | 35. 86    |
| ij47   | Howard, G. T.....          | 8. 49  | 12. 00                     | 34. 82    |
| 48   | Matthews, R. B.....        | 8. 64  | 12. 44                     | 34. 94    |
| 49   | Schneider, A. P.....       | 9. 75  | 12. 00                     | 35. 06    |
| H50  | Clark, J. J.....           | 9. 00  | 11. 96                     | 35. 42    |
| 51   | Buchalter, B.....          | 9. 57  | 12. 60                     | 33. 59    |
| 52   | Cummings, G. C.....        | 9. 75  | 11. 04                     | 36. 75    |
| 53   | Bigelow, A. A.....         | 8. 85  | 11. 68                     | 36. 54    |
| 54   | Vytlacil, N.....           | 10. 74                                       | 13. 76                     | 32. 88    |
| 55   | Ogg, R. R.....             | 10. 44                                       | 12. 64                     | 37. 94    |
| 56   | Staud, B.....              | 8. 73  | 12. 48                     | 31. 54    |
| H57  | Fairlamb, G. R., jr.....   | 8. 76  | 12. 76                     | 33. 86    |
| 58   | Allen, J. K.....           | 10. 32                                       | 13. 24                     | 33. 22    |
| 59   | Collins, R. F.....         | 9. 30  | 11. 40                     | 32. 97    |
| 60   | Cruse, F. R.....           | 8. 37  | 12. 00                     | 34. 85    |
| 61   | Nichols, H. J.....         | 9. 72  | 12. 56                     | 32. 51    |
| 62   | Marbourg, E. F.....        | 10. 38                                       | 13. 24                     | 31. 56    |
| 63   | Fullinwider, S. P.....     | 9. 42  | 11. 88                     | 33. 78    |
| 64   | Sease, H. S. C.....        | 9. 45  | 11. 84                     | 34. 36    |
| 65   | Keller, K.....             | 8. 97  | 11. 80                     | 36. 80    |
| 66   | Weber, G. K.....           | 8. 49  | 11. 44                     | 35. 78    |
| 67   | Sallada, H. B.....         | 9. 06  | 12. 76                     | 33. 35    |
| †68  | Tyler, J. C.....           | 8. 79  | 11. 32                     | 35. 31    |
| 69   | Hayden, C. L.....          | 9. 81  | 13. 28                     | 33. 23    |
| 70   | Steeves, L. S.....         | 9. 18  | 13. 88                     | 31. 40    |
| H71  | Wyman, R.....              | 9. 84  | 13. 00                     | 31. 87    |
| 72   | Connolly, M. J.....        | 9. 00  | 12. 36                     | 33. 55    |
| 73   | McReynolds, R. W., jr..... | 9. 00  | 11. 76                     | 35. 34    |
| 74   | Conyne, J. H.....          | 8. 73  | 11. 56                     | 33. 25    |
| 75   | Gruelick, R. W.....        | 9. 57  | 12. 04                     | 33. 11    |
| 76   | Lively, F. W.....          | 8. 64  | 12. 32                     | 36. 56    |
| 77   | Ely, H. E., jr.....        | 8. 52  | 11. 60                     | 33. 83    |

*course—annual examination, June, 1915—233 members—Continued.*

| Electrical<br>engineering<br>and<br>physics. | Naval his-<br>tory. | Constitu-<br>tional law. | Modern<br>language. | Effi-<br>ciency. | Practice<br>cruise. | Total.  | Demerits<br>(subtract). | Aggre-<br>gate. |
|--|---------------------|--------------------------|---------------------|------------------|---------------------|---------|-------------------------|-----------------|
| 36   | 8                   | 12                       | 24                  | 4                | 4                   | 160     |                         | 160             |
| 27. 20                                       | 5. 96               | 9. 09                    | 21. 72              | 3. 09            | 3. 12               | 125. 30 | 0. 74                   | 124. 56         |
| 29. 16                                       | 6. 14               | 9. 66                    | 19. 56              | 3. 07            | 3. 07               | 125. 23 | . 68                    | 124. 55         |
| 28. 53                                       | 5. 80               | 9. 54                    | 16. 41              | 3. 13            | 3. 25               | 124. 91 | . 42                    | 124. 49         |
| 25. 69                                       | 6. 84               | 9. 12                    | 18. 96              | 3. 32            | 3. 28               | 124. 64 | . 20                    | 124. 44         |
| 27. 65                                       | 5. 98               | 9. 00                    | 18. 03              | 3. 07            | 3. 17               | 124. 68 | . 28                    | 124. 40         |
| 27. 47                                       | 6. 10               | 9. 69                    | 20. 61              | 3. 11            | 3. 27               | 124. 61 | . 40                    | 124. 21         |
| 28. 97                                       | 5. 92               | 8. 25                    | 15. 30              | 3. 41            | 3. 32               | 124. 51 | . 32                    | 124. 19         |
| 25. 89                                       | 6. 26               | 9. 45                    | 22. 11              | 2. 96            | 3. 00               | 125. 30 | 1. 20                   | 124. 10         |
| 29. 34                                       | 6. 04               | 10. 11                   | 16. 71              | 3. 26            | 3. 12               | 123. 89 | . 10                    | 123. 79         |
| 28. 27                                       | 6. 68               | 9. 72                    | 17. 52              | 2. 96            | 3. 01               | 124. 18 | . 50                    | 123. 68         |
| 27. 69                                       | 5. 94               | 9. 18                    | 17. 94              | 3. 07            | 2. 98               | 123. 61 | . 06                    | 123. 55         |
| 27. 63                                       | 5. 64               | 8. 73                    | 19. 95              | 3. 15            | 2. 94               | 124. 42 | . 90                    | 123. 52         |
| 30. 16                                       | 6. 06               | 9. 30                    | 17. 34              | 2. 98            | 3. 12               | 124. 72 | 1. 44                   | 123. 28         |
| 28. 32                                       | 6. 02               | 9. 15                    | 16. 89              | 3. 08            | 3. 05               | 124. 05 | . 94                    | 123. 11         |
| 25. 56                                       | 6. 38               | 9. 66                    | 19. 26              | 3. 21            | 2. 94               | 124. 08 | 1. 18                   | 122. 90         |
| 28. 26                                       | 5. 92               | 8. 67                    | 17. 10              | 2. 97            | 3. 47               | 123. 27 | . 56                    | 122. 71         |
| 27. 55                                       | 5. 46               | 8. 40                    | 15. 15              | 3. 11            | 3. 17               | 123. 86 | 1. 16                   | 122. 70         |
| 28. 51                                       | 6. 20               | 9. 09                    | 20. 46              | 3. 16            | 3. 25               | 123. 42 | 1. 10                   | 122. 32         |
| 29. 73                                       | 6. 40               | 9. 42                    | 17. 40              | 2. 95            | 3. 39               | 124. 67 | 2. 40                   | 122. 27         |
| 28. 24                                       | 6. 04               | 8. 67                    | 17. 01              | 3. 18            | 3. 32               | 123. 24 | . 98                    | 122. 26         |
| 27. 54                                       | 6. 36               | 10. 44                   | 17. 82              | 3. 07            | 3. 38               | 122. 28 | . 18                    | 122. 10         |
| 26. 80                                       | 6. 16               | 8. 76                    | 19. 62              | 2. 94            | 3. 00               | 122. 50 | . 52                    | 121. 98         |
| 28. 88                                       | 6. 28               | 9. 60                    | 17. 34              | 3. 07            | 3. 19               | 123. 15 | 1. 32                   | 121. 83         |
| 28. 95                                       | 6. 18               | 9. 84                    | 15. 96              | 3. 02            | 3. 18               | 122. 31 | . 54                    | 121. 77         |
| 29. 37                                       | 6. 68               | 8. 43                    | 16. 71              | 3. 12            | 2. 91               | 122. 30 | . 58                    | 121. 72         |
| 28. 17                                       | 6. 28               | 9. 45                    | 18. 81              | 2. 83            | 3. 07               | 124. 26 | 2. 62                   | 121. 64         |
| 29. 06                                       | 6. 42               | 9. 78                    | 15. 54              | 2. 83            | 2. 79               | 123. 99 | 2. 76                   | 121. 23         |
| 27. 67                                       | 6. 44               | 9. 93                    | 16. 77              | 2. 90            | 2. 92               | 122. 34 | 1. 14                   | 121. 20         |
| 27. 09                                       | 6. 36               | 10. 05                   | 17. 28              | 2. 92            | 3. 02               | 121. 89 | . 76                    | 121. 13         |
| 27. 64                                       | 5. 98               | 7. 47                    | 20. 13              | 3. 08            | 3. 05               | 122. 77 | 1. 72                   | 121. 05         |
| 30. 13                                       | 5. 96               | 9. 42                    | 15. 30              | 3. 04            | 3. 02               | 123. 19 | 2. 16                   | 121. 03         |
| 28. 03                                       | 6. 16               | 9. 18                    | 17. 31              | 3. 09            | 3. 08               | 121. 31 | . 48                    | 120. 83         |
| 27. 46                                       | 6. 52               | 9. 51                    | 17. 19              | 3. 27            | 3. 29               | 121. 95 | 1. 22                   | 120. 73         |
| 28. 62                                       | 6. 06               | 8. 97                    | 17. 04              | 3. 14            | 3. 16               | 121. 90 | 1. 30                   | 120. 60         |
| 26. 27                                       | 5. 58               | 9. 24                    | 18. 81              | 3. 17            | 2. 91               | 122. 08 | 1. 56                   | 120. 52         |
| 28. 64                                       | 6. 14               | 9. 63                    | 17. 79              | 2. 89            | 2. 98               | 121. 61 | 1. 30                   | 120. 31         |
| 27. 13                                       | 6. 68               | 8. 67                    | 18. 72              | 3. 09            | 3. 06               | 122. 07 | 1. 78                   | 120. 29         |
| 26. 12                                       | 6. 04               | 9. 21                    | 17. 58              | 3. 03            | 2. 96               | 122. 46 | 2. 26                   | 120. 20         |
| 28. 36                                       | 6. 54               | 9. 21                    | 17. 22              | 3. 05            | 3. 08               | 121. 41 | 1. 30                   | 120. 11         |

*Merit roll of the present second class for the second year of the academic*

| Order of<br>general<br>merit for<br>the aca-<br>demic<br>year. | Names.                   | Mechanical<br>processes<br>and draw-<br>ing. | Elementary<br>engineering. | Calculus. |
|--|--------------------------|--|----------------------------|-----------|
|  | Maxima.....              | 12   | 16                         | 44        |
| 78   | Rogers, E. B.....        | 9.33   | 12.40                      | 33.60     |
| 79   | Brewer, S. B.....        | 8.79   | 11.68                      | 34.27     |
| 80   | Harper, R. H.....        | 8.64   | 11.80                      | 33.55     |
| 81   | Courtney, F. J.....      | 9.57   | 11.96                      | 32.53     |
| f82  | Lowry, E. J.....         | 9.12   | 11.92                      | 31.17     |
| 83   | Irby, F. S.....          | 9.81   | 12.64                      | 32.57     |
| 84   | Twomey, J. J.....        | 8.67   | 13.08                      | 28.06     |
| 85   | Price, A. I.....         | 8.82   | 11.72                      | 32.52     |
| ij36   | Browne, D.....           | 8.79   | 11.44                      | 32.36     |
| 87   | Shown, W. V.....         | 9.03   | 12.16                      | 32.62     |
| 88   | Phillips, E. R.....      | 9.51   | 13.44                      | 33.63     |
| 89   | Sparrow, E.....          | 9.39   | 12.36                      | 31.90     |
| 90   | Hudson, L. J.....        | 9.66   | 12.76                      | 32.87     |
| 91   | Morris, E. W.....        | 9.78   | 11.88                      | 33.00     |
| 92   | Stump, F. B.....         | 8.82   | 12.04                      | 32.18     |
| 93   | Holden, C. F.....        | 9.27   | 12.04                      | 31.74     |
| 94   | Harvey, L.....           | 9.39   | 12.08                      | 31.16     |
| 95   | Tevis, P. U.....         | 9.06   | 11.72                      | 32.88     |
| 96   | Presnell, B. K.....      | 8.52   | 11.96                      | 31.24     |
| 97   | Avery, H.....            | 9.09   | 11.14                      | 29.58     |
| 98   | Blodgett, H. C.....      | 9.03   | 11.96                      | 30.35     |
| 99   | Doughty, L., jr.....     | 9.84   | 11.60                      | 35.28     |
| f100   | Reagle, C. M.....        | 9.51   | 12.56                      | 32.54     |
| 101  | Moss, J. E.....          | 10.20  | 13.16                      | 30.05     |
| 102  | Denebrink, F. C.....     | 9.84   | 11.24                      | 29.71     |
| 103  | Headlee, C. De V.....    | 9.69   | 12.92                      | 30.58     |
| 104  | Hagen, E. G.....         | 9.60   | 12.40                      | 29.79     |
| 105  | Wyatt, B. H.....         | 8.04   | 11.56                      | 32.69     |
| 106  | Appleton, D. S.....      | 8.91   | 10.76                      | 32.06     |
| 107  | Comstock, M.....         | 9.36   | 11.76                      | 31.19     |
| 108  | Conover, J. P., jr.....  | 8.70   | 11.64                      | 28.45     |
| 109  | Dietrich, W. F.....      | 8.70   | 12.12                      | 32.26     |
| 110  | Porter, R. L., jr.....   | 8.04   | 11.44                      | 32.04     |
| 111  | Hurlbut, E. S.....       | 8.67   | 11.88                      | 33.01     |
| 112  | Gale, T. B.....          | 8.79   | 12.40                      | 32.65     |
| 113  | Gover, L. L.....         | 8.61   | 11.28                      | 31.48     |
| 114  | Harrison, T. W., jr..... | 8.46   | 10.04                      | 37.29     |
| 115  | Harris, T. F.....        | 8.52   | 10.88                      | 32.45     |
| 116  | Park, P. H.....          | 9.12   | 11.72                      | 32.60     |

*course—annual examination, June, 1915—233 members—Continued.*

| Electrical<br>engineering<br>and<br>physics. | Naval his-<br>tory. | Constitu-<br>tional law. | Modern<br>language. | Effi-<br>ciency. | Practice<br>cruise. | Total. | Demerits<br>(subtract). | Aggre-<br>gate. |
|--|---------------------|--------------------------|---------------------|------------------|---------------------|--------|-------------------------|-----------------|
| 36   | 8                   | 12                       | 24                  | 4                | 4                   | 160    |                         | 160             |
| 27.01  | 5.72                | 9.15                     | 17.31               | 3.12             | 3.07                | 120.71 | 0.84                    | 119.87          |
| 27.33  | 5.74                | 9.00                     | 17.67               | 3.04             | 2.88                | 120.40 | .58                     | 119.82          |
| 26.18  | 5.64                | 8.79                     | 19.71               | 3.13             | 3.37                | 120.81 | 1.10                    | 119.71          |
| 27.88  | 6.28                | 9.27                     | 17.01               | 3.14             | 2.82                | 120.46 | 1.08                    | 119.38          |
| 24.92  | 5.86                | 8.76                     | 21.57               | 3.09             | 3.19                | 119.60 | .34                     | 119.26          |
| 27.09  | 5.92                | 9.72                     | 15.87               | 3.01             | 3.20                | 119.83 | .72                     | 119.11          |
| 27.36  | 6.40                | 9.57                     | 19.62               | 3.03             | 3.27                | 119.06 | .14                     | 118.92          |
| 26.44  | 6.02                | 9.69                     | 18.12               | 3.05             | 3.30                | 119.68 | 1.30                    | 118.38          |
| 26.90  | 5.28                | 9.30                     | 19.05               | 3.02             | 2.90                | 119.04 | .68                     | 118.36          |
| 25.79  | 6.30                | 9.18                     | 18.15               | 2.90             | 3.12                | 119.25 | 1.06                    | 118.19          |
| 26.94  | 5.42                | 8.43                     | 16.68               | 3.07             | 2.99                | 120.11 | 2.18                    | 117.93          |
| 24.79  | 5.32                | 8.52                     | 20.46               | 3.14             | 3.06                | 118.94 | 1.12                    | 117.82          |
| 25.80  | 6.02                | 9.21                     | 16.23               | 3.14             | 3.05                | 118.74 | 1.00                    | 117.74          |
| 28.42  | 5.58                | 8.73                     | 16.56               | 3.07             | 3.24                | 120.26 | 2.60                    | 117.66          |
| 26.75  | 5.94                | 9.48                     | 17.79               | 2.94             | 2.81                | 118.75 | 1.22                    | 117.53          |
| 26.08  | 6.44                | 8.88                     | 17.28               | 3.11             | 3.20                | 118.04 | .68                     | 117.36          |
| 27.86  | 6.18                | 9.18                     | 16.17               | 2.99             | 2.96                | 117.97 | .62                     | 117.35          |
| 26.49  | 6.34                | 9.39                     | 15.39               | 3.04             | 3.43                | 117.74 | .56                     | 117.18          |
| 27.19  | 5.82                | 9.33                     | 18.78               | 2.97             | 2.93                | 118.74 | 1.88                    | 116.86          |
| 26.70  | 6.14                | 9.27                     | 19.65               | 2.96             | 3.22                | 117.75 | 1.12                    | 116.63          |
| 28.02  | 6.22                | 8.40                     | 18.36               | 3.16             | 2.80                | 118.30 | 1.68                    | 116.62          |
| 26.24  | 6.30                | 9.33                     | 17.31               | 2.83             | 2.50                | 121.23 | 4.64                    | 116.59          |
| 26.05  | 6.34                | 9.75                     | 15.75               | 3.18             | 2.77                | 118.45 | 1.94                    | 116.51          |
| 27.85  | 5.56                | 9.06                     | 15.90               | 3.03             | 3.23                | 118.04 | 1.56                    | 116.48          |
| 25.51  | 6.72                | 10.26                    | 17.67               | 3.03             | 3.12                | 117.10 | .80                     | 116.30          |
| 27.57  | 6.24                | 8.34                     | 16.02               | 3.14             | 3.13                | 117.63 | 1.36                    | 116.27          |
| 25.37  | 6.38                | 9.09                     | 18.03               | 3.05             | 2.99                | 116.70 | .64                     | 116.06          |
| 26.72  | 6.00                | 9.21                     | 16.32               | 2.95             | 3.32                | 116.81 | .88                     | 115.93          |
| 25.03  | 6.40                | 9.48                     | 17.76               | 2.98             | 3.09                | 116.47 | .64                     | 115.83          |
| 25.57  | 6.28                | 8.97                     | 17.28               | 2.96             | 2.90                | 116.27 | .46                     | 115.81          |
| 23.24  | 6.48                | 9.48                     | 22.17               | 3.13             | 3.16                | 116.45 | .96                     | 115.49          |
| 24.35  | 6.20                | 9.42                     | 16.89               | 3.31             | 3.16                | 116.41 | .96                     | 115.45          |
| 26.19  | 6.08                | 9.69                     | 16.56               | 3.08             | 3.25                | 116.37 | .94                     | 115.43          |
| 25.43  | 5.72                | 8.61                     | 16.29               | 3.04             | 3.08                | 115.73 | .52                     | 115.21          |
| 23.68  | 6.24                | 8.58                     | 19.11               | 2.97             | 3.20                | 117.62 | 2.44                    | 115.18          |
| 25.70  | 6.50                | 9.54                     | 17.22               | 2.92             | 3.03                | 116.28 | 1.22                    | 115.06          |
| 24.05  | 5.72                | 8.58                     | 15.27               | 3.29             | 3.19                | 115.89 | .86                     | 115.03          |
| 27.31  | 6.06                | 8.52                     | 16.44               | 3.02             | 3.26                | 116.46 | 1.56                    | 114.90          |
| 26.48  | 5.42                | 8.91                     | 16.17               | 2.97             | 3.19                | 116.58 | 1.74                    | 114.84          |

*Merit roll of the present second class for the second year of the academic*

| Order of<br>general<br>merit for<br>the aca-<br>demic<br>year. | Names.                 | Mechanical<br>processes<br>and draw-<br>ing. | Elementary<br>engineering. | Calculus. |
|--|------------------------|--|----------------------------|-----------|
|  | Maxima.....            | 12   | 16                         | 44        |
| G117   | Waddell, J. E.....     | 8.10   | 11.44                      | 27.50     |
| 118  | Hyde, R. U.....        | 9.03   | 11.28                      | 28.06     |
| 119  | Dunwoody, K.....       | 9.36   | 11.96                      | 30.28     |
| 120  | Grant, V. F.....       | 9.24   | 12.20                      | 31.10     |
| 121  | Anderson, H. W.....    | 10.59  | 12.12                      | 29.68     |
| 122  | Jenkins, J. H.....     | 8.28   | 12.20                      | 31.24     |
| 123  | Keller, G. M.....      | 9.24   | 12.12                      | 32.71     |
| 124  | Reaves, A. G.....      | 9.06   | 11.80                      | 30.99     |
| 125  | Cooley, T. R., jr..... | 9.33   | 11.32                      | 31.33     |
| 126  | King, E. D.....        | 8.46   | 11.24                      | 34.75     |
| 127  | Worden, F. L.....      | 9.00   | 11.84                      | 32.47     |
| 128  | Heffernan, J. B.....   | 9.09   | 11.08                      | 30.26     |
| 129  | Weis, F. L.....        | 9.33   | 11.44                      | 29.57     |
| 130  | Holton, C. McK.....    | 8.70   | 11.56                      | 29.71     |
| 131  | Hanafee, F. J.....     | 8.61   | 10.32                      | 32.76     |
| 132  | Fisher, T. G.....      | 8.91   | 12.68                      | 31.54     |
| 132  | Jones, C. M.....       | 9.63   | 11.92                      | 28.91     |
| 134  | Hanson, E. G.....      | 8.13   | 11.16                      | 33.27     |
| 135  | Hansen, C. L.....      | 9.12   | 13.12                      | 31.40     |
| 136  | Davis, W. P.....       | 9.18   | 12.48                      | 32.61     |
| 137  | Councill, H. F.....    | 8.70   | 11.40                      | 31.43     |
| 138  | Jones, E. H.....       | 9.00   | 11.52                      | 30.86     |
| 139  | Walton, J. N.....      | 8.10   | 11.16                      | 30.63     |
| 140  | Skylstead, R. F.....   | 8.70   | 11.72                      | 31.10     |
| 141  | Neilson, F. W.....     | 9.15   | 11.96                      | 30.34     |
| 142  | Keefe, J. H.....       | 8.58   | 11.84                      | 30.47     |
| 143  | Stone, J. G. M.....    | 8.46   | 11.72                      | 29.20     |
| 144  | Clark, V. O.....       | 8.22   | 11.96                      | 31.16     |
| 145  | Keating, R. E.....     | 8.46   | 11.40                      | 29.79     |
| 146  | Morcock, W. J.....     | 9.00   | 11.80                      | 30.85     |
| 147  | Daab, P. M.....        | 9.15   | 10.36                      | 30.34     |
| 148  | Clark, H. W.....       | 8.46   | 11.08                      | 32.68     |
| 149  | Hendley, T. B.....     | 7.98   | 11.28                      | 30.33     |
| 150  | Harriss, G. L.....     | 8.19   | 11.60                      | 30.22     |
| ij151  | Beall, R. L.....       | 8.01   | 11.32                      | 28.37     |
| ij152  | Creesy, A. E.....      | 9.03   | 11.32                      | 28.37     |
| 153  | Curr, C. R.....        | 10.26  | 12.96                      | 28.91     |
| 154  | Spellman, F. T.....    | 8.43   | 10.64                      | 29.85     |
| dd155  | McCarty, W. L.....     | 7.83   | 11.08                      | 30.64     |

*course—annual examination, June, 1915—233 members—Continued.*

| Electrical engineering and physics. | Naval history. | Constitutional law. | Modern language. | Efficiency. | Practice cruise. | Total. | Demerits (subtract). | Aggregate. |
|-------------------------------------|----------------|---------------------|------------------|-------------|------------------|--------|----------------------|------------|
| 36                                  | 8              | 12                  | 24               | 4           | 4                | 160    |                      | 160        |
| 25.54                               | 6.26           | 9.12                | 21.48            | 2.95        | 3.05             | 115.44 | 0.66                 | 114.78     |
| 24.11                               | 5.90           | 9.12                | 21.39            | 3.08        | 3.39             | 115.36 | .66                  | 114.70     |
| 24.48                               | 6.44           | 9.00                | 17.73            | 3.18        | 3.17             | 115.60 | .94                  | 114.66     |
| 26.57                               | 6.32           | 8.88                | 15.24            | 3.05        | 3.18             | 115.78 | 1.38                 | 114.40     |
| 24.88                               | 6.10           | 8.67                | 17.85            | 3.11        | 3.28             | 116.28 | 1.94                 | 114.34     |
| 26.68                               | 5.76           | 8.61                | 16.86            | 2.96        | 3.04             | 115.63 | 1.42                 | 114.21     |
| 25.45                               | 6.04           | 8.94                | 16.38            | 2.91        | 3.33             | 117.12 | 3.08                 | 114.04     |
| 25.82                               | 5.82           | 8.61                | 17.16            | 3.13        | 2.87             | 115.26 | 1.26                 | 114.00     |
| 25.60                               | 5.76           | 8.97                | 15.72            | 3.24        | 3.00             | 114.27 | .38                  | 113.89     |
| 25.60                               | 5.30           | 8.88                | 15.36            | 2.99        | 2.89             | 115.47 | 1.66                 | 113.81     |
| 26.34                               | 5.44           | 8.40                | 15.78            | 2.85        | 3.08             | 115.20 | 1.40                 | 113.80     |
| 24.27                               | 6.66           | 10.68               | 16.29            | 3.16        | 2.87             | 114.36 | .58                  | 113.78     |
| 24.05                               | 5.54           | 8.73                | 19.74            | 3.16        | 3.01             | 114.57 | 1.02                 | 113.55     |
| 25.58                               | 6.04           | 8.94                | 17.58            | 3.03        | 3.18             | 114.32 | .80                  | 113.52     |
| 25.55                               | 6.04           | 8.64                | 16.68            | 3.02        | 3.09             | 114.71 | 1.46                 | 113.25     |
| 25.68                               | 5.70           | 8.61                | 15.96            | 3.09        | 2.93             | 115.10 | 1.88                 | 113.22     |
| 25.41                               | 6.12           | 9.12                | 17.28            | 3.15        | 3.10             | 114.64 | 1.42                 | 113.22     |
| 24.96                               | 5.86           | 8.10                | 17.34            | 3.11        | 2.87             | 114.80 | 1.60                 | 113.20     |
| 24.79                               | 5.80           | 7.56                | 15.48            | 3.10        | 3.02             | 113.39 | .32                  | 113.07     |
| 25.01                               | 5.30           | 7.95                | 15.42            | 3.16        | 3.13             | 114.24 | 1.18                 | 113.06     |
| 24.27                               | 5.90           | 8.91                | 16.92            | 3.05        | 3.06             | 113.64 | .64                  | 113.00     |
| 24.06                               | 5.46           | 9.12                | 16.98            | 3.22        | 3.07             | 113.29 | .30                  | 112.99     |
| 25.14                               | 5.26           | 8.19                | 18.54            | 3.01        | 2.96             | 112.99 | .06                  | 112.93     |
| 25.66                               | 5.52           | 9.00                | 16.08            | 3.04        | 3.00             | 113.82 | .96                  | 112.86     |
| 24.94                               | 6.64           | 9.63                | 18.60            | 2.97        | 2.88             | 117.11 | 4.26                 | 112.85     |
| 24.22                               | 6.10           | 9.36                | 16.41            | 3.06        | 3.03             | 113.07 | .24                  | 112.83     |
| 23.99                               | 5.52           | 8.97                | 20.85            | 2.91        | 2.62             | 114.24 | 1.48                 | 112.76     |
| 26.35                               | 5.78           | 8.19                | 15.93            | 2.86        | 2.93             | 113.38 | .86                  | 112.52     |
| 24.20                               | 6.20           | 8.79                | 18.12            | 3.01        | 3.03             | 113.00 | .50                  | 112.50     |
| 23.79                               | 5.62           | 8.70                | 17.16            | 3.07        | 3.20             | 113.19 | .72                  | 112.47     |
| 26.05                               | 5.94           | 9.48                | 15.78            | 2.99        | 2.95             | 113.04 | .58                  | 112.46     |
| 24.69                               | 5.50           | 8.82                | 16.68            | 3.09        | 3.14             | 114.14 | .70                  | 112.44     |
| 24.95                               | 5.82           | 9.18                | 17.55            | 2.94        | 3.02             | 113.05 | .68                  | 112.37     |
| 24.55                               | 6.08           | 9.45                | 18.06            | 3.02        | 2.86             | 114.03 | 1.88                 | 112.15     |
| 24.37                               | 6.14           | 9.90                | 19.32            | 2.92        | 2.93             | 113.28 | 1.14                 | 112.14     |
| 24.79                               | 6.00           | 8.88                | 17.31            | 3.06        | 3.37             | 112.13 | .24                  | 111.89     |
| 24.07                               | 5.46           | 8.64                | 15.09            | 3.37        | 3.58             | 112.34 | .54                  | 111.80     |
| 24.80                               | 6.66           | 9.96                | 16.65            | 2.94        | 2.89             | 112.82 | 1.36                 | 111.46     |
| 25.37                               | 5.72           | 8.97                | 16.80            | 2.99        | 3.33             | 112.73 | 1.36                 | 111.37     |

*Merit roll of the present second class for the second year of the academic*

| Order of<br>general<br>merit for<br>the aca-<br>demic<br>year. | Names.                  | Mechanical<br>processes<br>and draw-<br>ing. | Elementary<br>engineering. | Calculus. |
|--|-------------------------|--|----------------------------|-----------|
|  | Maxima.....             | 12   | 16                         | 44        |
| 156  | Austin, L. B.....       | 9.45   | 12.12                      | 29.33     |
| 157  | Coontz, K. L.....       | 8.61   | 10.00                      | 30.49     |
| 158  | Curran, J. A.....       | 9.27   | 10.72                      | 30.00     |
| 159  | Perkins, C. N.....      | 8.49   | 10.96                      | 30.85     |
| 160  | Brewington, C. W.....   | 9.57   | 13.72                      | 27.85     |
| 161  | Reifel, W. McK.....     | 8.79   | 11.60                      | 29.61     |
| 162  | Evans, D. R.....        | 8.85   | 11.12                      | 30.09     |
| 163  | Ball, W. H.....         | 8.22   | 11.68                      | 29.34     |
| 164  | McCann, A. R.....       | 8.64   | 10.60                      | 30.77     |
| 165  | Lehrfeld, I.....        | 9.21   | 10.88                      | 31.52     |
| 166  | Hayes, H. D.....        | 7.77   | 10.20                      | 29.01     |
| 167  | Fleming, R. W.....      | 8.61   | 12.64                      | 28.72     |
| 168  | Smith, F. A.....        | 8.73   | 11.52                      | 29.94     |
| 169  | Floyd-Jones, K.....     | 8.22   | 11.96                      | 29.61     |
| 170  | Schofield, A. R.....    | 8.34   | 11.04                      | 29.41     |
| 171  | Quinby, W. P.....       | 8.25   | 11.16                      | 27.63     |
| 172  | Poindexter, G. A.....   | 9.06   | 12.68                      | 29.94     |
| 172  | Thoma, C. G.....        | 8.46   | 11.44                      | 29.29     |
| 174  | Ludlow, W. G., jr.....  | 8.64   | 11.40                      | 30.45     |
| 174  | Moen, A. T.....         | 8.67   | 11.92                      | 29.70     |
| 176  | Moran, E. J.....        | 9.21   | 10.92                      | 29.13     |
| 177  | Forster, G. F.....      | 7.98   | 11.12                      | 30.62     |
| 178  | Jackson, H. W.....      | 8.64   | 11.44                      | 29.11     |
| 179  | Senn, E. M.....         | 8.58   | 11.40                      | 28.85     |
| 180  | Topp, E.....            | 7.95   | 10.68                      | 29.65     |
| 181  | ForsheW, J. H., jr..... | 7.92   | 10.96                      | 30.90     |
| 182  | Boehme, P. L.....       | 7.83   | 10.32                      | 29.18     |
| 183  | Duvall, E. E., jr.....  | 8.85   | 10.68                      | 30.74     |
| 184  | Toombs, H. J.....       | 8.55   | 11.44                      | 28.39     |
| 185  | Ward, C. O.....         | 8.16   | 11.48                      | 27.76     |
| 186  | Jacobsen, C. L.....     | 8.34   | 11.20                      | 30.42     |
| 187  | Mack, A. R.....         | 9.72   | 12.48                      | 29.30     |
| 188  | Browne, W. T.....       | 8.49   | 11.16                      | 28.41     |
| †189   | Warren, P. W.....       | 8.34   | 11.56                      | 29.28     |
| 190  | Ross, T. D.....         | 7.59   | 10.40                      | 29.21     |
| f191   | Glick, D.....           | 7.86   | 10.36                      | 29.91     |
| 192  | Kelly, L. E.....        | 8.55   | 12.24                      | 28.25     |
| 193  | Murphy, J. V.....       | 8.73   | 12.88                      | 27.54     |
| 194  | Cook, S.....            | 8.28   | 10.76                      | 28.55     |

*course—annual examination, June, 1915—233 members—Continued.*

| Electrical<br>engineering<br>and<br>physics. | Naval his-<br>tory. | Constitu-<br>tional law. | Modern<br>language. | Effi-<br>ciency. | Practice<br>cruise. | Total. | Demerits<br>(subtract). | Aggre-<br>gate. |
|--|---------------------|--------------------------|---------------------|------------------|---------------------|--------|-------------------------|-----------------|
| 36   | 8                   | 12                       | 24                  | 4                | 4                   | 160    |                         | 160             |
| 23.73  | 6.02                | 8.19                     | 17.13               | 2.96             | 3.18                | 112.11 | 0.80                    | 111.31          |
| 23.62  | 6.16                | 9.42                     | 17.70               | 2.95             | 2.93                | 111.88 | .68                     | 111.20          |
| 24.10  | 5.90                | 8.94                     | 16.92               | 2.98             | 2.93                | 111.76 | .72                     | 111.04          |
| 25.54  | 5.86                | 8.16                     | 20.37               | 2.82             | 2.78                | 115.83 | 4.88                    | 110.95          |
| 24.36  | 5.36                | 8.64                     | 15.69               | 3.07             | 3.22                | 111.48 | 1.02                    | 110.46          |
| 24.61  | 5.68                | 8.01                     | 16.44               | 3.03             | 3.36                | 111.13 | .74                     | 110.39          |
| 24.60  | 6.14                | 7.95                     | 16.53               | 3.06             | 2.93                | 111.27 | 1.00                    | 110.27          |
| 23.62  | 5.72                | 8.88                     | 17.64               | 2.91             | 3.05                | 111.06 | .94                     | 110.12          |
| 24.63  | 5.76                | 8.52                     | 16.32               | 2.97             | 2.86                | 111.07 | .96                     | 110.11          |
| 24.65  | 5.46                | 7.89                     | 16.95               | 3.08             | 2.77                | 112.41 | 2.36                    | 110.05          |
| 24.45  | 6.02                | 8.13                     | 18.51               | 3.01             | 3.13                | 110.23 | .32                     | 109.91          |
| 23.30  | 5.74                | 8.04                     | 17.49               | 3.17             | 3.11                | 110.82 | 1.00                    | 109.82          |
| 24.51  | 5.56                | 8.34                     | 16.65               | 3.08             | 2.86                | 111.19 | 1.38                    | 109.81          |
| 23.89  | 6.20                | 8.46                     | 17.97               | 2.95             | 2.80                | 112.06 | 2.30                    | 109.76          |
| 24.72  | 5.60                | 8.76                     | 16.44               | 2.99             | 3.06                | 110.36 | .72                     | 109.64          |
| 22.77  | 6.20                | 9.24                     | 18.96               | 3.12             | 2.75                | 110.08 | .56                     | 109.52          |
| 24.47  | 5.56                | 8.34                     | 15.00               | 2.92             | 3.06                | 111.03 | 1.58                    | 109.45          |
| 24.11  | 6.00                | 9.15                     | 17.22               | 3.00             | 2.68                | 111.35 | 1.90                    | 109.45          |
| 23.96  | 5.72                | 8.97                     | 15.75               | 3.19             | 3.16                | 111.24 | 1.80                    | 109.44          |
| 23.88  | 5.08                | 8.55                     | 15.57               | 3.10             | 3.23                | 109.70 | .26                     | 109.44          |
| 25.56  | 5.06                | 9.24                     | 15.00               | 2.97             | 3.21                | 110.30 | 1.00                    | 109.30          |
| 23.39  | 6.60                | 9.60                     | 19.11               | 2.85             | 2.76                | 114.03 | 4.76                    | 109.27          |
| 23.72  | 5.52                | 9.51                     | 15.48               | 2.99             | 3.15                | 109.56 | .38                     | 109.18          |
| 23.07  | 5.54                | 7.98                     | 18.99               | 3.12             | 2.95                | 110.48 | 1.44                    | 109.04          |
| 25.37  | 5.64                | 8.73                     | 17.13               | 2.83             | 2.94                | 110.92 | 1.98                    | 108.94          |
| 23.63  | 5.88                | 7.44                     | 18.51               | 3.05             | 2.71                | 111.00 | 2.20                    | 108.80          |
| 24.02  | 6.38                | 8.97                     | 17.07               | 2.87             | 3.07                | 109.71 | 1.02                    | 108.69          |
| 23.67  | 5.90                | 8.25                     | 15.15               | 2.98             | 3.25                | 109.47 | 1.10                    | 108.37          |
| 24.08  | 5.66                | 8.61                     | 16.56               | 3.07             | 2.99                | 109.35 | 1.14                    | 108.21          |
| 23.90  | 5.18                | 8.40                     | 16.86               | 3.29             | 3.31                | 108.34 | .26                     | 108.08          |
| 23.29  | 5.28                | 8.58                     | 16.20               | 3.02             | 3.27                | 109.60 | 1.58                    | 108.02          |
| 23.30  | 5.42                | 8.04                     | 15.39               | 3.08             | 3.04                | 109.77 | 1.80                    | 107.97          |
| 24.26  | 5.76                | 8.10                     | 17.52               | 2.93             | 2.80                | 109.43 | 1.66                    | 107.77          |
| 22.87  | 5.54                | 7.38                     | 17.52               | 3.01             | 3.11                | 108.61 | .86                     | 107.75          |
| 25.45  | 6.30                | 8.49                     | 15.03               | 2.92             | 3.10                | 108.49 | .78                     | 107.71          |
| 27.06  | 5.88                | 8.25                     | 15.21               | 2.95             | 2.63                | 110.11 | 2.46                    | 107.65          |
| 23.76  | 5.68                | 8.64                     | 15.72               | 3.01             | 3.05                | 108.90 | 1.30                    | 107.60          |
| 23.14  | 5.62                | 8.70                     | 15.84               | 3.00             | 2.99                | 108.44 | .92                     | 107.52          |
| 24.10  | 5.84                | 8.28                     | 16.59               | 2.94             | 3.03                | 108.37 | .88                     | 107.49          |

*Merit roll of the present second class for the second year of the academic*

| Order of<br>general<br>merit for<br>the aca-<br>demic<br>year. | Names.                | Mechanical<br>processes<br>and draw-<br>ing. | Elementary<br>engineering. | Calculus. |
|--|-----------------------|--|----------------------------|-----------|
|  | Maxima.....           | 12   | 16                         | 44        |
| 195  | Fox, H. W.....        | 8.49   | 10.64                      | 29.25     |
| <i>iq</i> 196  | Staples, G. B.....    | 9.06   | 12.88                      | 27.91     |
| <i>br</i> 197  | Herndon, C.....       | 8.34   | 12.04                      | 24.68     |
| 198  | Elmore, W.....        | 8.19   | 11.96                      | 30.10     |
| 199  | Crosley, F. S.....    | 7.86   | 10.56                      | 27.94     |
| †200   | Mentz, G. F.....      | 7.56   | 10.28                      | 27.54     |
| 201  | Dillon, S. E.....     | 8.91   | 12.00                      | 28.53     |
| 202  | Clark, G. W.....      | 8.67   | 11.52                      | 30.65     |
| 203  | Gray, J. F. W.....    | 8.19   | 10.52                      | 28.12     |
| 203  | Phillips, W. K.....   | 7.59   | 10.36                      | 29.23     |
| 205  | Sargeant, L. P.....   | 8.91   | 10.92                      | 28.95     |
| <i>g</i> 206   | Grove, C. S., 3d..... | 8.34   | 11.64                      | 29.22     |
| 207  | Hooks, D. R.....      | 8.73   | 10.20                      | 30.31     |
| 208  | Bartlett, S. J.....   | 7.92   | 10.12                      | 29.36     |
| 208  | Hoover, G. B.....     | 7.98   | 10.04                      | 29.33     |
| 210  | Jones, W. D., jr..... | 7.86   | 10.96                      | 27.95     |
| <i>g</i> 211   | Sobel, H. R.....      | 7.68   | 9.68                       | 30.16     |
| 212  | Baker, H. O.....      | 8.43   | 10.84                      | 27.70     |
| 213  | Bowman, C. H.....     | 7.86   | 10.32                      | 28.40     |
| <i>H</i> 214   | Craig, A. B.....      | 8.04   | 11.72                      | 29.38     |
| 215  | Rogers, F. O.....     | 9.00   | 10.88                      | 27.83     |
| †216   | Manton, J. P.....     | 8.52   | 11.56                      | 26.97     |
| <i>gr</i> 217  | Parkhurst, T. R.....  | 8.10   | 10.52                      | 28.23     |
| <i>f</i> 218   | Byers, R. R.....      | 7.83   | 11.44                      | 28.70     |
| 219  | Bartholdi, J. J.....  | 7.89   | 10.72                      | 29.17     |
| †220   | Claude, W. S. B.....  | 8.01   | 10.40                      | 27.86     |
| 221  | Ely, H. F.....        | 7.98   | 11.04                      | 28.10     |
| <i>f</i> 222   | Cronan, J. G.....     | 7.98   | 10.60                      | 29.49     |
| 223  | Weitzel, C. W.....    | 8.40   | 11.16                      | 28.96     |
| 224  | Routier, G. E.....    | 8.25   | 11.32                      | 29.07     |
| 225  | Spencer, D. A.....    | 8.16   | 10.44                      | 28.62     |
| 226  | Hoeffel, K. M.....    | 7.50   | 10.52                      | 27.51     |
| 227  | Luth, W. C.....       | 8.13   | 10.60                      | 27.75     |
| 228  | Wells, B. O.....      | 7.83   | 10.68                      | 27.54     |
| <i>g</i> 229   | Eaches, R. M.....     | 7.68   | 10.24                      | 28.28     |
| † <i>H</i> 230   | Hutson, A. L.....     | 8.07   | 10.12                      | 26.92     |
| <i>h</i> † <i>H</i> 231  | Post, C. K.....       | 7.83   | 9.64                       | 27.50     |
| <i>Ae</i>  | Downey, K. C. W.....  | 7.89   | .....                      | .....     |
| <i>a</i> †   | Flagg, A. P.....      | .....  | .....                      | .....     |

[illegible]

*Merit roll of the present third class for the first year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                   | Mechanical<br>drawing. | Geometry and<br>algebra. |
|--|--------------------------|------------------------|--------------------------|
|  | Maxima.....              | 16                     | 12                       |
| *1   | Paige, J. W.....         | 15. 76                 | 11. 49                   |
| *2   | Sherman, F. P.....       | 14. 92                 | 10. 89                   |
| *3   | Malone, W. J.....        | 14. 72                 | 10. 74                   |
| *4   | Nichols, W. R.....       | 14. 24                 | 10. 53                   |
| *5   | Colton, E. B.....        | 12. 54                 | 10. 65                   |
| *6   | Fowler, J. W.....        | 14. 14                 | 10. 20                   |
| *7   | Richardson, L. B.....    | 12. 04                 | 10. 77                   |
| 18   | Adams, A. S.....         | 13. 48                 | 9. 48                    |
| 9  | Fife, J., jr.....        | 13. 68                 | 11. 10                   |
| 10   | Sprague, T. L.....       | 14. 36                 | 10. 02                   |
| 11   | Holtmann, O. H.....      | 14. 08                 | 10. 20                   |
| 12   | Hoppe, T. A.....         | 13. 50                 | 10. 44                   |
| 13   | Crecca, J. D.....        | 13. 42                 | 9. 69                    |
| 14   | Byington, M. B., jr..... | 12. 42                 | 11. 04                   |
| 15   | Cuddihy, G. T.....       | 13. 06                 | 9. 99                    |
| 16   | Murphy, V. R.....        | 11. 32                 | 9. 33                    |
| 17   | Douthit, F. L.....       | 13. 48                 | 10. 32                   |
| 18   | Habrylewicz, L. LeR..... | 14. 68                 | 10 77                    |
| 19   | Hawkins, G. C.....       | 11. 82                 | 9. 57                    |
| 19   | Ross, G. E., jr.....     | 13. 92                 | 9. 18                    |
| 21   | Styer, C. W.....         | 13. 82                 | 9. 96                    |
| 22   | Corbett, H. S.....       | 12. 46                 | 9. 63                    |
| 23   | Johnson, E. R.....       | 14. 64                 | 9. 96                    |
| 24   | Dodge, F. R.....         | 13. 60                 | 9. 87                    |
| 25   | Hutchins, H. A., jr..... | 11. 76                 | 9. 69                    |
| 26   | Lawyer, J. Van B.....    | 11. 60                 | 8. 88                    |
| 27   | Walker, T. F. C.....     | 14. 08                 | 10. 44                   |
| 28   | Price, E. H.....         | 13. 52                 | 9. 57                    |
| 29   | Browne, E. B.....        | 13. 98                 | 9. 78                    |
| 30   | Inglis, T. B.....        | 12. 24                 | 10. 77                   |
| 31   | Domer, W. D. I.....      | 13. 34                 | 9. 60                    |
| iu32   | Bennehoff, O. R.....     | 12. 12                 | 9. 45                    |
| iu33   | Wheeler, E. B.....       | 11. 64                 | 8. 88                    |
| 34   | McCartin, E. F.....      | 13. 96                 | 9. 30                    |
| 35   | Holmes, F. S.....        | 11. 74                 | 9. 78                    |
| 36   | Smith, H. H.....         | 11. 58                 | 9. 21                    |
| 37   | Jacobs, J. D.....        | 11. 96                 | 10. 05                   |
| 38   | Breed, G. G.....         | 11. 62                 | 9. 42                    |
| 39   | McDowell, R. S.....      | 13. 60                 | 10. 68                   |

*course—annual examination, June, 1915—255 members.*

| Trigonometry. | English. | Modern languages. | Total. | Demerits (subtract). | Aggregate. |
|---------------|----------|-------------------|--------|----------------------|------------|
| 16            | 20       | 16                |        |                      | 80         |
| 15. 32        | 18. 69   | 15. 32            | 76. 58 | 0. 14                | 76. 44     |
| 14. 64        | 17. 07   | 14. 48            | 72. 00 | . 19                 | 71. 81     |
| 14. 36        | 18. 13   | 13. 66            | 71. 61 | . 06                 | 71. 55     |
| 14. 16        | 16. 87   | 15. 58            | 71. 38 | . 02                 | 71. 36     |
| 14. 72        | 17. 97   | 14. 18            | 70. 06 | . 11                 | 69. 95     |
| 14. 24        | 17. 15   | 14. 00            | 69. 73 | . 04                 | 69. 69     |
| 13. 72        | 18. 17   | 14. 82            | 69. 52 | . 24                 | 69. 28     |
| 13. 44        | 16. 72   | 15. 10            | 68. 22 | . 23                 | 67. 99     |
| 14. 32        | 15. 26   | 12. 80            | 67. 16 | . 07                 | 67. 09     |
| 13. 56        | 16. 56   | 12. 94            | 67. 44 | . 36                 | 67. 08     |
| 14. 64        | 16. 19   | 11. 90            | 67. 01 | . 13                 | 66. 88     |
| 13. 68        | 15. 98   | 13. 38            | 66. 98 | . 35                 | 66. 63     |
| 13. 52        | 15. 93   | 14. 12            | 66. 68 | . 24                 | 66. 44     |
| 15. 12        | 14. 48   | 13. 12            | 66. 18 | . 16                 | 66. 02     |
| 13. 84        | 16. 24   | 12. 94            | 66. 07 | . 10                 | 65. 97     |
| 13. 60        | 18. 00   | 13. 72            | 65. 97 | . 21                 | 65. 76     |
| 13. 76        | 15. 85   | 12. 56            | 65. 97 | . 24                 | 65. 73     |
| 14. 64        | 13. 92   | 11. 90            | 65. 91 | . 38                 | 65. 53     |
| 12. 20        | 17. 33   | 14. 72            | 65. 64 | . 17                 | 65. 47     |
| 13. 92        | 14. 94   | 14. 16            | 66. 12 | . 65                 | 65. 47     |
| 13. 00        | 14. 79   | 13. 66            | 65. 23 | . 18                 | 65. 05     |
| 12. 96        | 16. 16   | 13. 92            | 65. 13 | . 13                 | 65. 00     |
| 12. 76        | 15. 02   | 12. 60            | 64. 98 | . 09                 | 64. 89     |
| 12. 12        | 16. 91   | 12. 44            | 64. 94 | . 10                 | 64. 84     |
| 13. 60        | 15. 85   | 14. 00            | 64. 90 | . 15                 | 64. 75     |
| 11. 68        | 18. 14   | 14. 58            | 64. 88 | . 32                 | 64. 56     |
| 12. 24        | 15. 93   | 11. 74            | 64. 43 | . 07                 | 64. 36     |
| 13. 88        | 15. 65   | 11. 80            | 64. 42 | . 10                 | 64. 32     |
| 12. 32        | 15. 70   | 12. 38            | 64. 16 | . 06                 | 64. 10     |
| 13. 24        | 15. 77   | 12. 24            | 64. 26 | . 30                 | 63. 96     |
| 12. 96        | 16. 66   | 11. 50            | 64. 06 | . 13                 | 63. 93     |
| 12. 60        | 17. 24   | 12. 52            | 63. 93 | . 10                 | 63. 83     |
| 12. 72        | 17. 62   | 13. 12            | 63. 98 | . 19                 | 63. 79     |
| 11. 84        | 17. 03   | 11. 88            | 64. 01 | . 24                 | 63. 77     |
| 12. 88        | 16. 39   | 13. 28            | 64. 07 | . 31                 | 63. 76     |
| 13. 16        | 15. 75   | 14. 12            | 63. 82 | . 09                 | 63. 73     |
| 12. 84        | 16. 37   | 12. 28            | 63. 50 | . 05                 | 63. 45     |
| 13. 00        | 16. 84   | 12. 98            | 63. 86 | . 53                 | 63. 33     |
| 14. 48        | 13. 93   | 10. 80            | 63. 49 | . 17                 | 63. 32     |

*Merit roll of the present third class for first year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                     | Mechanical<br>drawing. | Geometry and<br>algebra. |
|--|----------------------------|------------------------|--------------------------|
|  | Maxima.....                | 16                     | 12                       |
| 40   | Whelan, J. N.....          | 12. 28                 | 9. 60                    |
| 41   | Tomlinson, D. W., 4th..... | 13. 46                 | 9. 78                    |
| 42   | Stone, E. E.....           | 13. 56                 | 9. 15                    |
| 43   | Bannerman, G.....          | 11. 52                 | 9. 63                    |
| 44   | Phillips, J. S.....        | 11. 30                 | 9. 18                    |
| 45   | Biesemeier, H.....         | 12. 02                 | 3. 97                    |
| 46   | Alvis, J. D.....           | 13. 90                 | 10. 05                   |
| 47   | Loomis, D. W.....          | 10. 60                 | 9. 96                    |
| 48   | Browning, M. R.....        | 13. 14                 | 9. 09                    |
| 48   | Vosbury, B. P.....         | 12. 64                 | 9. 24                    |
| 50   | Bledsoe, A. McQ.....       | 11. 80                 | 10. 02                   |
| 51   | Grimm, O. E.....           | 13. 06                 | 9. 96                    |
| 52   | Ballentine, J. J.....      | 12. 04                 | 10. 26                   |
| 53   | Green, D. A.....           | 12. 38                 | 9. 39                    |
| 54   | Clifford, L. E.....        | 13. 64                 | 8. 64                    |
| 55   | Bell, E. E.....            | 11. 06                 | 9. 42                    |
| 55   | Erskine, W. E. G.....      | 10. 26                 | 8. 25                    |
| 57   | Grey, J. E.....            | 12. 72                 | 8. 79                    |
| 57   | Quackenbush, J. W.....     | 14. 16                 | 8. 79                    |
| 59   | Haight, S. M.....          | 13. 98                 | 10. 26                   |
| 60   | Macaulay, W. S.....        | 12. 46                 | 9. 93                    |
| 61   | Sullivan, J. R.....        | 11. 30                 | 8. 70                    |
| 62   | Wade, W. C.....            | 13. 76                 | 9. 54                    |
| 63   | Jupp, S. D.....            | 11. 86                 | 9. 21                    |
| 64   | Hoffman, H. D.....         | 13. 02                 | 8. 82                    |
| 65   | Rochester, H. A.....       | 12. 16                 | 9. 03                    |
| 66   | Sprague, C. A. F.....      | 11. 68                 | 9. 81                    |
| 67   | Warlick, W. W.....         | 13. 28                 | 9. 57                    |
| 68   | Busk, W.....               | 11. 96                 | 8. 88                    |
| 69   | Halland, H. E.....         | 12. 06                 | 9. 42                    |
| 70   | Taylor, P. R.....          | 12. 90                 | 10. 26                   |
| 71   | Pursell, I.....            | 11. 82                 | 9. 36                    |
| 72   | Anderson, J. P.....        | 12. 30                 | 9. 24                    |
| 73   | Scull, H. M.....           | 13. 30                 | 9. 24                    |
| 74   | Johnson, G. W.....         | 10. 92                 | 8. 55                    |
| 75   | Haines, J. M.....          | 13. 16                 | 9. 21                    |
| G76  | Whittaker, H. R.....       | 14. 56                 | 9. 33                    |
| 77   | France, A. F., jr.....     | 12. 60                 | 9. 12                    |
| 78   | Wilkinson, F. L., jr.....  | 12. 34                 | 9. 15                    |

*course—annual examination, June, 1915—255 members—Continued.*

| Trigonometry. | English. | Modern languages. | Total | Demerits (subtract). | Aggregate. |
|---------------|----------|-------------------|-------|----------------------|------------|
| 16            | 20       | 16                |       |                      | 80         |
| 14.08         | 14.66    | 12.44             | 63.06 | 0.32                 | 62.74      |
| 12.96         | 15.21    | 11.52             | 62.93 | .28                  | 62.65      |
| 12.28         | 15.85    | 11.98             | 62.82 | .19                  | 62.63      |
| 13.60         | 16.23    | 11.54             | 62.52 | .13                  | 62.39      |
| 12.24         | 15.17    | 14.48             | 62.37 | .07                  | 62.30      |
| 11.20         | 15.87    | 14.30             | 62.36 | .17                  | 62.19      |
| 14.00         | 13.22    | 10.86             | 62.03 | .08                  | 61.95      |
| 12.16         | 16.82    | 12.68             | 62.22 | .36                  | 61.86      |
| 12.16         | 15.99    | 12.44             | 62.82 | 1.03                 | 61.79      |
| 11.84         | 16.26    | 12.12             | 62.10 | .31                  | 61.79      |
| 12.76         | 14.98    | 12.22             | 61.78 | .12                  | 61.66      |
| 13.12         | 14.30    | 11.14             | 61.58 | .04                  | 61.54      |
| 13.72         | 14.47    | 11.02             | 61.51 | .02                  | 61.49      |
| 11.52         | 15.47    | 12.84             | 61.60 | .22                  | 61.38      |
| 12.44         | 15.74    | 11.14             | 61.60 | .23                  | 61.37      |
| 11.92         | 15.85    | 13.30             | 61.55 | .20                  | 61.35      |
| 11.96         | 16.29    | 15.02             | 61.78 | .43                  | 61.35      |
| 11.28         | 15.75    | 13.50             | 62.04 | .78                  | 61.26      |
| 11.16         | 15.40    | 11.84             | 61.35 | .09                  | 61.26      |
| 12.84         | 14.33    | 10.44             | 61.85 | .62                  | 61.23      |
| 13.28         | 14.68    | 11.36             | 61.71 | .58                  | 61.13      |
| 12.84         | 16.29    | 12.06             | 61.19 | .07                  | 61.12      |
| 13.08         | 14.21    | 10.64             | 61.23 | .13                  | 61.10      |
| 12.72         | 15.04    | 12.40             | 61.23 | .15                  | 61.08      |
| 11.88         | 15.58    | 12.20             | 61.50 | .45                  | 61.05      |
| 13.04         | 15.30    | 11.48             | 61.01 | .20                  | 60.81      |
| 13.32         | 15.20    | 11.02             | 61.03 | .27                  | 60.76      |
| 12.04         | 13.95    | 12.24             | 61.08 | .34                  | 60.74      |
| 11.72         | 15.62    | 12.82             | 61.00 | .31                  | 60.69      |
| 12.64         | 16.07    | 11.08             | 61.27 | .60                  | 60.67      |
| 13.20         | 13.27    | 11.02             | 60.65 | .02                  | 60.63      |
| 11.32         | 16.23    | 11.90             | 60.63 | .03                  | 60.60      |
| 12.72         | 14.34    | 12.20             | 60.80 | .21                  | 60.59      |
| 12.20         | 15.21    | 10.90             | 60.85 | .28                  | 60.57      |
| 11.52         | 15.37    | 14.72             | 61.08 | .54                  | 60.54      |
| 12.08         | 15.06    | 11.32             | 60.83 | .37                  | 60.46      |
| 11.96         | 13.53    | 11.22             | 60.60 | .21                  | 60.39      |
| 11.32         | 16.06    | 11.38             | 60.48 | .24                  | 60.24      |
| 11.88         | 15.28    | 11.58             | 60.23 | .02                  | 60.21      |

*Merit roll of the present third class for first year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                    | Mechanical<br>drawing. | Geometry and<br>algebra. |
|--|---------------------------|------------------------|--------------------------|
|  | Maxima.....               | 16                     | 12                       |
| 79   | McCown, H. Y.....         | 11. 02                 | 9. 69                    |
| 80   | Wright, J. T.....         | 11. 86                 | 9. 27                    |
| 81   | Lockhart, W. M.....       | 12. 50                 | 8. 82                    |
| 82   | McReynolds, J. S.....     | 12. 60                 | 8. 97                    |
| H83  | Seligman, M. T.....       | 12. 20                 | 8. 25                    |
| 84   | Denny, C. E.....          | 11. 48                 | 9. 45                    |
| 85   | Foote, E. A.....          | 12. 32                 | 8. 22                    |
| 86   | Fisher, J. L.....         | 11. 28                 | 9. 27                    |
| 87   | Gallemore, R. T.....      | 12. 52                 | 9. 00                    |
| il88   | Johnson, R. L.....        | 12. 40                 | 9. 24                    |
| 89   | Eekhout, B. V.....        | 12. 36                 | 7. 98                    |
| 90   | Cummins, D. E.....        | 11. 78                 | 8. 79                    |
| il91   | Stone, H. G.....          | 11. 96                 | 9. 12                    |
| 92   | Whitemarsh, R. P.....     | 11. 64                 | 9. 18                    |
| 93   | Flynn, A. I.....          | 11. 70                 | 8. 19                    |
| 94   | Thornhill, H. E.....      | 11. 66                 | 9. 30                    |
| 95   | MacLellan, H. E.....      | 11. 74                 | 9. 06                    |
| 96   | Bailey, V.....            | 12. 34                 | 9. 09                    |
| 97   | Need, H. W.....           | 11. 28                 | 8. 28                    |
| 98   | Farrell, J. G.....        | 13. 34                 | 8. 16                    |
| 99   | Halstead, F. De F.....    | 10. 74                 | 9. 30                    |
| 100  | Barringer, V. C., jr..... | 12. 06                 | 8. 52                    |
| 101  | Brush, O. G.....          | 12. 26                 | 9. 06                    |
| 102  | Wieber, C. W.....         | 11. 04                 | 8. 61                    |
| 103  | Scheck, L. G.....         | 11. 44                 | 8. 79                    |
| 104  | Hartt, W. H., jr.....     | 13. 04                 | 9. 33                    |
| 104  | Neill, J. B., jr.....     | 12. 12                 | 9. 54                    |
| 106  | Anderson, H. H.....       | 11. 80                 | 9. 45                    |
| 107  | Bailey, W. O.....         | 11. 64                 | 9. 06                    |
| 108  | Derx, M. R.....           | 11. 98                 | 8. 34                    |
| 109  | Page, A. H., jr.....      | 12. 42                 | 8. 94                    |
| 110  | Lanier, B. B.....         | 11. 20                 | 9. 06                    |
| 111  | Wilson, J. Du B.....      | 12. 88                 | 9. 06                    |
| 112  | Gambrill, S. H.....       | 12. 02                 | 9. 21                    |
| 113  | Kendall, H. S.....        | 12. 50                 | 8. 46                    |
| iw114  | Mills, E. W.....          | 10. 98                 | 8. 82                    |
| 115  | Jacobson, J. H.....       | 13. 94                 | 8. 70                    |
| 116  | Perkins, J. L.....        | 11. 28                 | 8. 19                    |
| 117  | Gibson, F. S.....         | 12. 40                 | 9. 12                    |

course—annual examination, June, 1915—255 members—Continued.

| Trigonometry. | English. | Modern languages. | Total. | Demerits (subtract). | Aggregate. |
|---------------|----------|-------------------|--------|----------------------|------------|
| 16            | 20       | 16                |        |                      | 80         |
| 12. 92        | 15. 44   | 11. 12            | 60. 19 | 0. 11                | 60. 08     |
| 12. 20        | 15. 36   | 11. 52            | 60. 21 | . 20                 | 60. 01     |
| 12. 88        | 14. 83   | 11. 00            | 60. 03 | . 08                 | 59. 95     |
| 11. 84        | 14. 62   | 11. 80            | 59. 83 | . 11                 | 59. 72     |
| 12. 00        | 15. 16   | 12. 30            | 59. 91 | . 26                 | 59. 65     |
| 12. 00        | 15. 31   | 11. 66            | 59. 90 | . 32                 | 59. 58     |
| 11. 76        | 14. 45   | 12. 98            | 59. 73 | . 18                 | 59. 55     |
| 11. 12        | 16. 08   | 11. 82            | 59. 57 | . 05                 | 59. 52     |
| 11. 84        | 14. 96   | 11. 18            | 59. 50 | . 02                 | 59. 48     |
| 10. 76        | 15. 11   | 12. 02            | 59. 53 | . 08                 | 59. 45     |
| 10. 76        | 15. 98   | 12. 82            | 59. 90 | . 48                 | 59. 42     |
| 13. 32        | 14. 77   | 10. 74            | 59. 40 | . 05                 | 59. 35     |
| 11. 56        | 15. 14   | 11. 82            | 59. 60 | . 27                 | 59. 33     |
| 12. 16        | 14. 68   | 11. 82            | 59. 48 | . 17                 | 59. 31     |
| 12. 00        | 15. 04   | 12. 34            | 59. 27 | . 13                 | 59. 14     |
| 12. 20        | 14. 32   | 11. 74            | 59. 22 | . 17                 | 59. 05     |
| 12. 00        | 15. 22   | 11. 10            | 59. 12 | . 08                 | 59. 04     |
| 10. 80        | 14. 73   | 12. 66            | 59. 62 | . 62                 | 59. 00     |
| 11. 44        | 16. 36   | 11. 64            | 59. 00 | . 09                 | 58. 91     |
| 12. 36        | 13. 81   | 11. 38            | 59. 05 | . 18                 | 58. 87     |
| 12. 44        | 13. 69   | 13. 12            | 59. 29 | . 52                 | 58. 77     |
| 11. 44        | 15. 19   | 11. 58            | 58. 79 | . 05                 | 58. 74     |
| 11. 08        | 14. 25   | 12. 32            | 58. 97 | . 27                 | 58. 70     |
| 11. 04        | 14. 55   | 13. 46            | 58. 70 | . 06                 | 58. 64     |
| 11. 20        | 15. 22   | 12. 28            | 58. 93 | . 33                 | 58. 60     |
| 12. 32        | 13. 65   | 10. 22            | 58. 56 | . 02                 | 58. 54     |
| 11. 96        | 14. 17   | 11. 26            | 59. 05 | . 51                 | 58. 54     |
| 12. 00        | 14. 55   | 10. 90            | 58. 70 | . 19                 | 58. 51     |
| 11. 08        | 14. 40   | 12. 30            | 58. 48 | . 06                 | 58. 42     |
| 11. 72        | 15. 16   | 11. 48            | 58. 68 | . 33                 | 58. 35     |
| 11. 28        | 14. 96   | 11. 30            | 58. 90 | . 67                 | 58. 23     |
| 10. 52        | 15. 85   | 11. 66            | 58. 29 | . 10                 | 58. 19     |
| 11. 56        | 13. 83   | 10. 82            | 58. 15 | . 15                 | 58. 00     |
| 11. 76        | 14. 32   | 10. 82            | 58. 13 | . 18                 | 57. 95     |
| 10. 80        | 15. 64   | 10. 52            | 57. 92 | . 04                 | 57. 88     |
| 11. 04        | 16. 47   | 10. 60            | 57. 91 | . 11                 | 57. 80     |
| 10. 84        | 14. 04   | 10. 48            | 58. 00 | . 22                 | 57. 78     |
| 10. 92        | 15. 49   | 12. 06            | 57. 94 | . 22                 | 57. 72     |
| 12. 12        | 13. 85   | 10. 28            | 57. 77 | . 08                 | 57. 69     |

*Merit roll of the present third class for first year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                 | Mechanical<br>drawing. | Geometry and<br>algebra. |
|--|------------------------|------------------------|--------------------------|
|  | Maxima.....            | 16                     | 12                       |
| 118  | Connell, F. B.....     | 12. 18                 | 8. 25                    |
| <i>ilr</i> 118   | Svec, W. F.....        | 11. 34                 | 9. 78                    |
| 120  | Etheredge, G. O.....   | 11. 12                 | 8. 67                    |
| 120  | Garrett, N. S.....     | 12. 04                 | 9. 30                    |
| 122  | Parker, R. B.....      | 12. 34                 | 8. 46                    |
| 123  | Jacobs, M. A.....      | 10. 56                 | 9. 18                    |
| 123  | Murphy, E. J. A.....   | 11. 56                 | 8. 61                    |
| <i>Hil</i> 125   | Gamble, H. G.....      | 10. 74                 | 9. 57                    |
| 126  | Hurt, S. H.....        | 13. 28                 | 8. 91                    |
| 127  | Poole, R.....          | 11. 90                 | 8. 16                    |
| 128  | Townsend, G. D.....    | 12. 56                 | 8. 64                    |
| 129  | Stailey, H. D.....     | 12. 38                 | 9. 21                    |
| 130  | Eberhart, H. G.....    | 11. 24                 | 7. 86                    |
| 130  | Leventen, H. K.....    | 10. 12                 | 7. 89                    |
| 130  | Wood, J. O.....        | 11. 60                 | 9. 00                    |
| 133  | Henkle, R. H.....      | 11. 88                 | 8. 25                    |
| 134  | Whitfield, J. W.....   | 11. 18                 | 9. 03                    |
| 135  | Emrich, P. L.....      | 12. 60                 | 8. 25                    |
| 136  | Custer, G. De M.....   | 11. 66                 | 8. 43                    |
| 136  | Murray, J. D., jr..... | 11. 94                 | 7. 95                    |
| <i>f</i> 138   | Hill, E. H.....        | 12. 52                 | 7. 95                    |
| 139  | Scott, J. B.....       | 11. 02                 | 8. 67                    |
| 139  | Wade, M. C., jr.....   | 10. 88                 | 9. 15                    |
| 141  | Marley, A. S., jr..... | 11. 54                 | 9. 09                    |
| 142  | Wunch, E. W.....       | 12. 92                 | 8. 49                    |
| 143  | Cotten, J. L.....      | 12. 78                 | 8. 13                    |
| 144  | Connally, J. M.....    | 12. 84                 | 8. 88                    |
| 145  | Kelly, F. J., jr.....  | 10. 60                 | 8. 88                    |
| 146  | Momsen, C. B.....      | 12. 60                 | 8. 79                    |
| 146  | Riggs, R. S.....       | 11. 50                 | 7. 59                    |
| 148  | Dobyns, T. A., jr..... | 10. 68                 | 8. 73                    |
| 149  | Davis, T. H.....       | 11. 56                 | 9. 12                    |
| <i>iqs</i> 150   | Dingwell, P. D.....    | 10. 30                 | 7. 77                    |
| 151  | Mintzer, L. M.....     | 11. 60                 | 7. 80                    |
| 152  | Norton, S. C.....      | 13. 76                 | 7. 50                    |
| 153  | Rogers, J. W.....      | 12. 38                 | 8. 25                    |
| 154  | Brady, J. H.....       | 11. 60                 | 8. 40                    |
| 155  | Busbey, L. W.....      | 11. 60                 | 8. 58                    |
| 155  | Herbst, H. R.....      | 12. 10                 | 8. 10                    |

*course—annual examination, June, 1915—255 members—Continued.*

| Trigonometry. | English. | Modern languages. | Total. | Demerits (subtract). | Aggregate. |
|---------------|----------|-------------------|--------|----------------------|------------|
| 16            | 20       | 16                |        |                      | 80         |
| 10. 68        | 15. 76   | 11. 20            | 58. 07 | 0. 39                | 57. 68     |
| 10. 92        | 13. 89   | 12. 14            | 58. 07 | . 39                 | 57. 68     |
| 10. 64        | 15. 72   | 11. 64            | 57. 79 | . 13                 | 57. 66     |
| 12. 36        | 13. 48   | 10. 70            | 57. 88 | . 22                 | 57. 66     |
| 10. 32        | 15. 88   | 10. 70            | 57. 70 | . 08                 | 57. 62     |
| 12. 12        | 14. 18   | 11. 62            | 57. 66 | . 10                 | 57. 56     |
| 11. 32        | 15. 13   | 11. 20            | 57. 82 | . 26                 | 57. 56     |
| 10. 60        | 14. 63   | 12. 34            | 57. 88 | . 36                 | 57. 52     |
| 12. 44        | 13. 22   | 10. 04            | 57. 89 | . 43                 | 57. 46     |
| 11. 16        | 14. 34   | 12. 12            | 57. 68 | . 29                 | 57. 39     |
| 11. 72        | 14. 20   | 10. 40            | 57. 52 | . 15                 | 57. 37     |
| 11. 28        | 14. 51   | 10. 06            | 57. 44 | . 08                 | 57. 36     |
| 11. 40        | 15. 85   | 11. 14            | 57. 49 | . 16                 | 57. 33     |
| 11. 08        | 14. 68   | 14. 12            | 57. 89 | . 56                 | 57. 33     |
| 10. 96        | 14. 19   | 11. 72            | 57. 47 | . 14                 | 57. 33     |
| 11. 24        | 15. 18   | 11. 00            | 57. 55 | . 24                 | 57. 31     |
| 11. 68        | 13. 77   | 11. 76            | 57. 42 | . 13                 | 57. 29     |
| 11. 32        | 14. 45   | 10. 84            | 57. 46 | . 25                 | 57. 21     |
| 11. 20        | 14. 51   | 11. 50            | 57. 30 | . 10                 | 57. 20     |
| 11. 20        | 14. 52   | 11. 98            | 57. 59 | . 39                 | 57. 20     |
| 11. 20        | 14. 65   | 11. 08            | 57. 40 | . 22                 | 57. 18     |
| 11. 00        | 15. 12   | 11. 42            | 57. 23 | . 07                 | 57. 16     |
| 11. 72        | 13. 77   | 11. 84            | 57. 36 | . 20                 | 57. 16     |
| 11. 96        | 13. 75   | 11. 14            | 57. 48 | . 36                 | 57. 12     |
| 10. 84        | 14. 39   | 10. 76            | 57. 40 | . 31                 | 57. 09     |
| 11. 12        | 13. 95   | 11. 16            | 57. 14 | . 09                 | 57. 05     |
| 10. 96        | 14. 61   | 10. 20            | 57. 49 | . 46                 | 57. 03     |
| 11. 52        | 14. 92   | 11. 78            | 57. 70 | . 79                 | 56. 91     |
| 12. 04        | 13. 50   | 10. 06            | 56. 99 | . 15                 | 56. 84     |
| 11. 28        | 14. 95   | 11. 72            | 57. 04 | . 20                 | 56. 84     |
| 10. 96        | 14. 54   | 11. 92            | 56. 83 | . 08                 | 56. 75     |
| 12. 32        | 13. 71   | 10. 46            | 57. 17 | . 44                 | 56. 73     |
| 10. 96        | 15. 49   | 12. 76            | 57. 28 | . 62                 | 56. 66     |
| 11. 12        | 15. 67   | 10. 64            | 56. 83 | . 21                 | 56. 62     |
| 11. 12        | 13. 78   | 10. 56            | 56. 72 | . 19                 | 56. 53     |
| 10. 72        | 13. 92   | 11. 60            | 56. 87 | . 35                 | 56. 52     |
| 10. 00        | 15. 49   | 10. 88            | 56. 37 | . 14                 | 56. 23     |
| 11. 04        | 14. 79   | 10. 34            | 56. 35 | . 13                 | 56. 22     |
| 10. 96        | 14. 06   | 11. 14            | 56. 36 | . 14                 | 56. 22     |

*Merit roll of the present third class for first year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                  | Mechanical<br>drawing. | Geometry and<br>algebra. |
|--|-------------------------|------------------------|--------------------------|
|  | Maxima.....             | 16                     | 12                       |
| <i>f</i> 157   | Cook, D. C.....         | 10. 88                 | 9. 06                    |
| 157  | Crane, W. S., jr.....   | 12. 98                 | 8. 25                    |
| <i>ist</i> 159   | Wilcock, W. C.....      | 11. 10                 | 8. 43                    |
| 160  | Huntoon, J. G.....      | 11. 80                 | 8. 22                    |
| 161  | Wright, J.....          | 12. 10                 | 8. 76                    |
| 162  | Duncan, J. H.....       | 11. 22                 | 8. 70                    |
| 163  | Fischler, P. K, jr..... | 11. 06                 | 8. 49                    |
| 163  | Whitten, R. T.....      | 12. 26                 | 8. 13                    |
| 165  | Rowe, J. W.....         | 10. 94                 | 8. 43                    |
| 166  | Byers, F. M.....        | 11. 04                 | 8. 25                    |
| 167  | Leffler, C. D., jr..... | 11. 36                 | 9. 21                    |
| 168  | Deans, M. A.....        | 10. 28                 | 8. 79                    |
| 169  | Haffey, T. J.....       | 10. 40                 | 8. 67                    |
| 170  | Kincaid, E. H.....      | 11. 88                 | 7. 98                    |
| 171  | Rowe, G.....            | 10. 94                 | 8. 37                    |
| 172  | Kennedy, B. R.....      | 10. 32                 | 7. 71                    |
| 173  | Kane, J. D. H.....      | 13. 06                 | 8. 25                    |
| 174  | Miller, C. C.....       | 10. 50                 | 8. 97                    |
| <i>H</i> 175   | Ramsey, L. C.....       | 11. 24                 | 8. 31                    |
| 176  | Armstrong, R. F.....    | 11. 92                 | 8. 37                    |
| <i>f</i> 177   | Walters, A. A.....      | 11. 52                 | 7. 92                    |
| 178  | Mitten, R. L.....       | 11. 38                 | 8. 01                    |
| 179  | Cobb, S. D. A.....      | 11. 76                 | 7. 83                    |
| 180  | Wooley, G. B.....       | 11. 20                 | 8. 19                    |
| 181  | Conroy, E. E.....       | 12. 14                 | 8. 73                    |
| 182  | Hungate, H. H.....      | 12. 56                 | 8. 13                    |
| 183  | Krueger, E. H.....      | 12. 04                 | 8. 43                    |
| 184  | Kidder, E. J.....       | 10. 78                 | 7. 80                    |
| 184  | Rogers, E. C.....       | 11. 16                 | 8. 04                    |
| <i>f</i> 186   | Tuley, C. B.....        | 10. 68                 | 7. 74                    |
| 187  | Frere, B.....           | 12. 60                 | 9. 09                    |
| <i>br</i> 188  | Moran, A. P., jr.....   | 11. 62                 | 8. 58                    |
| 189  | Iverson, E. V.....      | 11. 78                 | 8. 67                    |
| 190  | Remington, T. F.....    | 10. 86                 | 8. 40                    |
| 191  | Helmerts, W.....        | 12. 16                 | 7. 62                    |
| 192  | Haynes, A. P.....       | 12. 10                 | 8. 43                    |
| 193  | Thornton, P. M.....     | 11. 00                 | 8. 22                    |
| <i>ik</i> 194  | Dillon, W. M.....       | 10. 00                 | 7. 83                    |

course—annual examination, June, 1915—255 members—Continued.

| Trigonometry. | English. | Modern languages. | Total. | Demerits (subtract). | Aggregate. |
|---------------|----------|-------------------|--------|----------------------|------------|
| 16            | 20       | 16                |        |                      | 80         |
| 10.88         | 14.32    | 11.28             | 56.42  | 0.21                 | 56.21      |
| 10.40         | 14.23    | 10.82             | 56.68  | .47                  | 56.21      |
| 11.04         | 14.40    | 11.36             | 56.33  | .17                  | 56.16      |
| 11.12         | 14.61    | 10.54             | 56.29  | .15                  | 56.14      |
| 11.08         | 13.43    | 10.94             | 56.31  | .20                  | 56.11      |
| 11.28         | 14.06    | 11.30             | 56.56  | .48                  | 56.08      |
| 10.92         | 14.84    | 10.84             | 56.15  | .14                  | 56.01      |
| 11.24         | 14.10    | 10.80             | 56.53  | .52                  | 56.01      |
| 11.08         | 14.80    | 11.00             | 56.25  | .31                  | 55.94      |
| 11.20         | 13.96    | 11.60             | 56.05  | .13                  | 55.92      |
| 10.84         | 14.08    | 10.50             | 55.99  | .10                  | 55.89      |
| 11.52         | 14.58    | 10.66             | 55.83  | .11                  | 55.72      |
| 10.48         | 15.50    | 11.04             | 56.09  | .38                  | 55.71      |
| 10.36         | 15.06    | 10.60             | 55.88  | .18                  | 55.70      |
| 10.80         | 14.88    | 10.76             | 55.75  | .07                  | 55.68      |
| 10.36         | 15.93    | 11.48             | 55.80  | .14                  | 55.66      |
| 11.20         | 12.89    | 10.28             | 55.68  | .10                  | 55.58      |
| 11.60         | 13.79    | 10.76             | 55.62  | .13                  | 55.49      |
| 11.24         | 14.68    | 10.52             | 55.99  | .51                  | 55.48      |
| 11.56         | 13.86    | 10.00             | 55.71  | .35                  | 55.36      |
| 11.04         | 14.55    | 10.78             | 55.81  | .51                  | 55.30      |
| 11.16         | 14.08    | 11.22             | 55.85  | .59                  | 55.26      |
| 10.88         | 14.54    | 10.30             | 55.31  | .10                  | 55.21      |
| 10.84         | 14.87    | 10.42             | 55.52  | .34                  | 55.18      |
| 10.56         | 13.54    | 10.24             | 55.21  | .07                  | 55.14      |
| 10.92         | 13.59    | 10.22             | 55.42  | .31                  | 55.11      |
| 10.72         | 13.13    | 10.98             | 55.30  | .22                  | 55.08      |
| 10.40         | 14.55    | 11.80             | 55.33  | .35                  | 54.98      |
| 10.60         | 14.37    | 10.88             | 55.05  | .07                  | 54.98      |
| 10.88         | 14.34    | 11.56             | 55.20  | .27                  | 54.93      |
| 11.00         | 12.77    | 10.20             | 55.66  | .74                  | 54.92      |
| 10.92         | 14.43    | 9.30              | 54.85  | .03                  | 54.82      |
| 10.24         | 13.77    | 10.64             | 55.10  | .33                  | 54.77      |
| 10.60         | 14.07    | 11.20             | 55.13  | .38                  | 54.75      |
| 10.00         | 14.78    | 10.40             | 54.96  | .26                  | 54.70      |
| 10.88         | 12.98    | 10.38             | 54.77  | .13                  | 54.64      |
| 10.40         | 13.69    | 11.28             | 54.59  | .01                  | 54.58      |
| 10.04         | 15.52    | 11.34             | 54.73  | .22                  | 54.51      |

*Merit roll of the present third class for first year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                  | Mechanical<br>drawing. | Geometrv and<br>algebra. |
|--|-------------------------|------------------------|--------------------------|
|  | Maxima.....             | 16                     | 12                       |
| 195  | Kidd, A. C.....         | 11. 16                 | 8. 25                    |
| 195  | Plonk, J. O.....        | 11. 54                 | 8. 34                    |
| 197  | Harrison, P.....        | 10. 66                 | 8. 55                    |
| 198  | Kalbfus, G. R.....      | 10. 52                 | 7. 95                    |
| 199  | Geiselman, E. H.....    | 11. 16                 | 8. 28                    |
| 199  | von Hasseln, H. W.....  | 10. 98                 | 8. 01                    |
| <i>ist</i> 201   | Ives, J. S.....         | 10. 56                 | 8. 91                    |
| 202  | Baldwin, W. O.....      | 10. 66                 | 7. 80                    |
| 203  | Jayne, J. K.....        | 11. 48                 | 8. 76                    |
| 204  | Lovette, L. P.....      | 10. 40                 | 7. 92                    |
| 205  | Henifin, Lisle.....     | 11. 38                 | 8. 04                    |
| 206  | Stover, S. B.....       | 11. 90                 | 7. 59                    |
| <i>f</i> 207   | Bolling, A. R.....      | 10. 94                 | 7. 89                    |
| 207  | Moore, C. G., jr.....   | 10. 18                 | 8. 01                    |
| <i>Hil</i> 209   | Killian, W. McK.....    | 10. 88                 | 8. 37                    |
| 210  | Dougherty, S. C.....    | 10. 50                 | 7. 50                    |
| 211  | Walbridge, E. D.....    | 10. 50                 | 8. 34                    |
| <i>ist</i> 212   | Minard, D. P.....       | 11. 68                 | 7. 98                    |
| 213  | Willenbucher, E. H..... | 11. 48                 | 8. 10                    |
| 214  | Raab, N. C.....         | 12. 64                 | 7. 65                    |
| 215  | Lewis, M. L.....        | 10. 70                 | 8. 19                    |
| 216  | Thorne, T. S.....       | 10. 00                 | 7. 92                    |
| 217  | George, W. P.....       | 10. 76                 | 7. 14                    |
| 218  | Taylor, W. L.....       | 11. 48                 | 7. 80                    |
| 219  | Curtis, D.....          | 11. 12                 | 7. 80                    |
| 220  | Sherwood, G. B.....     | 11. 50                 | 8. 67                    |
| <i>H</i> 221   | Whitson, J. A.....      | 10. 96                 | 7. 71                    |
| 222  | Lyttle, H. D.....       | 11. 24                 | 7. 77                    |
| 223  | Hillhouse, F. B.....    | 10. 76                 | 7. 74                    |
| <i>Hq</i> 224  | Westphal, F. A.....     | 11. 52                 | 8. 10                    |
| <i>br</i> 225  | Brown, G. W.....        | 10. 68                 | 8. 16                    |
| 226  | Withers, C.....         | 10. 96                 | 7. 77                    |
| <i>br</i> 227  | Styles, C. H.....       | 10. 58                 | 7. 59                    |
| <i>f</i> 228   | Brown, J. W.....        | 11. 26                 | 8. 37                    |
| <i>h</i> 229   | Bailliere, T. H. G..... | 9. 76                  | 7. 26                    |
| 230  | Bullene, E. F.....      | 10. 26                 | 7. 80                    |
| 231  | White, C. B.....        | 10. 08                 | 7. 38                    |
| 232  | Gibb, E. D.....         | 11. 52                 | 7. 83                    |
| <i>hrr</i> 233   | Marston, O. F.....      | 10. 70                 | 8. 34                    |

course—annual examination, June, 1915—255 members—Continued.

| Trigonometry. | English. | Modern languages. | Total. | Demerits (subtract). | Aggregate. |
|---------------|----------|-------------------|--------|----------------------|------------|
| 16            | 20       | 16                |        |                      | 80         |
| 10. 44        | 13. 69   | 11. 24            | 54. 78 | 0. 28                | 54. 50     |
| 10. 80        | 13. 44   | 10. 64            | 54. 76 | . 26                 | 54. 50     |
| 10. 88        | 13. 79   | 10. 86            | 54. 74 | . 31                 | 54. 43     |
| 10. 56        | 14. 85   | 10. 94            | 54. 82 | . 44                 | 54. 38     |
| 11. 20        | 13. 20   | 10. 56            | 54. 40 | . 04                 | 54. 36     |
| 10. 00        | 13. 98   | 11. 56            | 54. 53 | . 17                 | 54. 36     |
| 10. 28        | 13. 98   | 10. 94            | 54. 67 | . 42                 | 54. 25     |
| 10. 20        | 14. 88   | 11. 04            | 54. 58 | . 49                 | 54. 09     |
| 10. 64        | 13. 00   | 10. 62            | 54. 50 | . 45                 | 54. 05     |
| 10. 48        | 14. 18   | 11. 42            | 54. 40 | . 38                 | 54. 02     |
| 10. 40        | 14. 43   | 10. 20            | 54. 45 | . 47                 | 53. 98     |
| 10. 12        | 13. 31   | 11. 14            | 54. 06 | . 10                 | 53. 96     |
| 10. 32        | 13. 64   | 11. 62            | 54. 41 | . 48                 | 53. 93     |
| 11. 00        | 14. 25   | 11. 06            | 54. 50 | . 57                 | 53. 93     |
| 10. 84        | 13. 70   | 10. 38            | 54. 17 | . 27                 | 53. 90     |
| 11. 16        | 14. 09   | 10. 60            | 53. 85 | . 12                 | 53. 73     |
| 11. 00        | 13. 86   | 10. 06            | 53. 76 | . 04                 | 53. 72     |
| 11. 12        | 13. 33   | 10. 44            | 54. 55 | . 85                 | 53. 70     |
| 10. 20        | 13. 46   | 11. 06            | 54. 30 | . 68                 | 53. 62     |
| 10. 08        | 13. 39   | 10. 00            | 53. 76 | . 20                 | 53. 56     |
| 10. 28        | 13. 59   | 10. 82            | 53. 58 | . 10                 | 53. 48     |
| 10. 04        | 14. 02   | 11. 66            | 53. 64 | . 20                 | 53. 44     |
| 10. 12        | 14. 20   | 11. 42            | 53. 64 | . 25                 | 53. 39     |
| 10. 48        | 13. 29   | 10. 66            | 53. 71 | . 42                 | 53. 29     |
| 10. 60        | 13. 14   | 10. 62            | 53. 28 | . 00                 | 53. 28     |
| 10. 48        | 12. 69   | 10. 30            | 53. 64 | . 39                 | 53. 25     |
| 10. 00        | 13. 57   | 11. 12            | 53. 36 | . 20                 | 53. 16     |
| 10. 00        | 14. 03   | 10. 40            | 53. 44 | . 40                 | 53. 04     |
| 10. 92        | 13. 16   | 10. 50            | 53. 08 | . 08                 | 53. 00     |
| 10. 92        | 12. 59   | 10. 30            | 53. 43 | . 55                 | 52. 88     |
| 9. 44         | 14. 46   | 10. 90            | 53. 64 | . 80                 | 52. 84     |
| 10. 16        | 13. 75   | 10. 14            | 52. 78 | . 15                 | 52. 63     |
| 8. 60         | 14. 02   | 12. 28            | 53. 07 | . 50                 | 52. 57     |
| 10. 36        | 13. 45   | 10. 16            | 53. 60 | 1. 08                | 52. 52     |
| 10. 00        | 13. 71   | 11. 96            | 52. 69 | . 18                 | 52. 51     |
| 10. 00        | 13. 73   | 11. 02            | 52. 81 | . 31                 | 52. 50     |
| 10. 36        | 13. 88   | 11. 06            | 52. 76 | . 28                 | 52. 48     |
| 10. 12        | 12. 72   | 10. 70            | 52. 89 | . 42                 | 52. 47     |
| 10. 08        | 14. 19   | 9. 24             | 52. 55 | . 12                 | 52. 43     |

*Merit roll of the present third class for first year of the academic*

| Order of<br>general<br>merit<br>for the<br>academic<br>year. | Names.                    | Mechanical<br>drawing. | Geometry and<br>algebra. |
|--|---------------------------|------------------------|--------------------------|
|  | Maxima.....               | 16                     | 12                       |
| 234  | Macklin, W. A. S.....     | 10. 38                 | 7. 59                    |
| 235  | Alexander, R. C.....      | 10. 94                 | 7. 56                    |
| 236  | Denny, T. R.....          | 10. 00                 | 7. 98                    |
| <i>br</i> 237  | Lamb, C. J.....           | 11. 22                 | 7. 56                    |
| <i>il</i> 238  | Moses, C. A.....          | 10. 66                 | 7. 53                    |
| 239  | Ferguson, R. R.....       | 10. 00                 | 7. 74                    |
| 240  | Fechteler, F.....         | 10. 68                 | 7. 83                    |
| 241  | Crutcher, C. R.....       | 10. 34                 | 6. 93                    |
| 242  | Lester, G. W.....         | 10. 02                 | 7. 50                    |
| 242  | Percifield, W. M.....     | 10. 02                 | 7. 50                    |
| <i>br</i> 244  | Haberkorn, J. A., jr..... | 10. 10                 | 7. 50                    |
| <i>brx</i> 245   | Carroll, E.....           | 11. 12                 | 7. 89                    |
| 246  | Kimmell, H. L.....        | 10. 68                 | 8. 16                    |
| <i>h¶</i> 247  | Spaulding, J. W.....      | 9. 84                  | 7. 53                    |
| 248  | Leemeyer, H. C., jr.....  | 10. 32                 | 7. 71                    |
| <i>h¶</i> 249  | Mills, G. H.....          | 10. 04                 | 7. 29                    |
| <i>br</i> 250  | Fitzpatrick, T. B.....    | 10. 84                 | 7. 59                    |
| <i>h¶</i> 251  | Williams, J. C.....       | 10. 42                 | 7. 38                    |
| <i>hr</i> 252  | Sweet, R. F.....          | 10. 36                 | 7. 50                    |
| <i>br</i> 253  | Baggett, H. D.....        | 10. 60                 | 7. 74                    |
| <i>Ae</i>  | Apgar, T. B.....          | 10. 62                 | 7. 83                    |
| <i>Amr</i>   | Burke, T. G.....          |                        | 8. 25                    |

course—annual examination, June, 1915—255 members—Continued.

| Trigonometry. | English. | Modern languages. | Total. | Demerits (subtract). | Aggregate. |
|---------------|----------|-------------------|--------|----------------------|------------|
| 16            | 20       | 16                |        |                      | 80         |
| 10.88         | 12.88    | 10.86             | 52.59  | 0.26                 | 52.33      |
| 10.12         | 13.68    | 10.00             | 52.30  | .07                  | 52.23      |
| 10.36         | 14.19    | 10.00             | 52.53  | .31                  | 52.22      |
| 9.16          | 14.27    | 10.28             | 52.49  | .36                  | 52.13      |
| 10.00         | 14.12    | 10.02             | 52.33  | .21                  | 52.12      |
| 10.32         | 13.99    | 10.56             | 52.61  | .69                  | 51.92      |
| 10.28         | 13.15    | 10.30             | 52.24  | .39                  | 51.85      |
| 10.64         | 13.54    | 10.66             | 52.11  | .27                  | 51.84      |
| 10.32         | 14.01    | 10.00             | 51.85  | .10                  | 51.75      |
| 10.00         | 14.31    | 10.40             | 52.23  | .48                  | 51.75      |
| 9.36          | 14.61    | 10.08             | 51.65  | .19                  | 51.46      |
| 8.52          | 13.47    | 10.24             | 51.24  | .11                  | 51.13      |
| 10.60         | 12.61    | 10.02             | 51.47  | .41                  | 51.06      |
| 10.00         | 13.67    | 10.56             | 51.60  | .75                  | 50.85      |
| 10.16         | 12.90    | 10.04             | 51.13  | .43                  | 50.70      |
| 9.72          | 13.49    | 10.22             | 50.76  | .10                  | 50.66      |
| 10.44         | 12.70    | 9.04              | 50.61  | .38                  | 50.23      |
| 10.08         | 12.08    | 10.20             | 50.16  | .36                  | 49.80      |
| 7.84          | 14.20    | 9.62              | 49.52  | .13                  | 49.39      |
| 9.08          | 12.60    | 9.58              | 49.60  | .45                  | 49.15      |
| .....         | 14.13    | 10.60             | .....  | .24                  | .....      |
| .....         | .....    | .....             | .....  | .14                  | .....      |



# REGULATIONS GOVERNING THE ADMISSION OF CANDIDATES INTO THE NAVAL ACADEMY AS MIDSHIPMEN.

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## GENERAL REMARKS.

1. There being no provision whatever for the payment of the traveling expenses of rejected candidates for admission, no candidate should fail to provide himself in advance with the means of returning home, in case of his rejection before either of the examining boards, as otherwise he may be put to considerable inconvenience.

2. It is suggested to all candidates for admission to the Naval Academy that, before leaving their places of residence for Annapolis, they should cause themselves to be *thoroughly examined by a competent physician*, particularly regarding eyesight, hearing, and heart trouble; and by a teacher or instructor in good standing. A defect such as varicocele, which is ordinarily removable by operation, should be remedied prior to appearing at the Naval Academy for physical examination. By such an examination any serious physical disqualification or deficiency in mental preparation would be revealed, and the candidate probably spared the expense and trouble of a useless journey and the mortification of rejection. It should be understood that the informal examination herein recommended is solely for the convenience and benefit of the candidate himself, and can in no manner affect the decision of the examining boards at Annapolis.

3. A sound body and constitution, suitable preparation, good natural capacity, an aptitude for study, industrious habits, perseverance, an obedient and orderly disposition, and a correct moral deportment are such essential qualifications that candidates knowingly deficient in any of these respects should not, as many do, subject themselves and their friends to the chances of future mortification and disappointment by accepting appointments at the Naval Academy and entering on a career which they can not successfully pursue.

4. The selection of candidates, by competitive examination or otherwise, for nomination from any congressional district, is entirely in the hands of the Member of Congress entitled to the appointment, and all applications for appointment or inquiries relative to competitive examinations should be addressed to the Congressman representing the congressional district in which the vacancy exists.

Copies of the entrance regulations showing a syllabus of the first year's work at the Naval Academy and specimen examination questions may be obtained on application to the Bureau of Navigation, Navy Department, or to the Superintendent of the Naval Academy; and as soon as nominated a copy of each of these publications will be forwarded direct to each candidate in order that he may spend his time profitably at his local school, and be better prepared to pursue his course at the Naval Academy successfully.

5. **Special attention is called to the physical requirements of candidates, pages 150 and 151.**

## NOMINATION.

6. The students at the Naval Academy are styled midshipmen.

7. Until June 30, 1919, 2 midshipmen are allowed for each Senator, Representative, and Delegate in Congress, 2 for the District of Columbia, 10 appointed each year from the United States at large, and 15 each year from the enlisted men who have

served one year in the United States Navy. The appointments from the District of Columbia and 10 each year at large are made by the President, while the 15 each year from the enlisted men of the United States Navy are made by the Secretary of the Navy in order of merit from a competitive examination held for this purpose.

8. One midshipman is allowed from Porto Rico, who must be a native of that island. The appointment is made by the President, on the recommendation of the governor of Porto Rico.

10. The course for midshipmen is four years. Examinations on the ground covered are held at the end of each academic term. During the summer, midshipmen of the first, second, and third classes go to sea for about three months.

11. Midshipmen after graduation are commissioned as ensigns in the Navy; and occasionally to fill vacancies in the Marine Corps and in certain of the staff corps of the Navy.

12. "Hereafter the Secretary of the Navy shall, as soon as possible after the 1st day of June of each year preceding the graduation of midshipmen in the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if said recommendation is made by the 4th day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory, in which the vacancy will exist and of the legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives, or by the death or declination of a candidate for admission to the academy, there occurs or is about to occur at the academy a vacancy for any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine."—*(Act approved June 29, 1906.)*

13. Candidates allowed for congressional districts, for Territories, and for the District of Columbia must be actual residents of the districts or Territories, respectively, from which they are nominated.

14. All candidates must, at the time of their examination for admission, be between the ages of 16 and 20 years. A candidate is eligible for examination on the day he becomes 16 and is ineligible on the day he becomes 20 years of age.

#### EXAMINATION.

15. "*All candidates for admission into the academy shall be examined according to such regulations and at such stated times as the Secretary of the Navy may prescribe. Candidates rejected at such examination shall not have the privilege of another examination for admission to the same class unless recommended by the board of examiners.*"—*(Rev. Stat., § 1515.)*

16. When any candidate who has been nominated upon the recommendation of a Senator, Member, or Delegate of the House of Representatives is found, upon examination, to be physically or mentally disqualified for admission, the Senator, Member, or Delegate shall be notified to recommend another candidate, who shall be examined according to the provisions of the preceding section.

17. Beginning with the year 1913, but two examinations for admission of midshipmen to the Naval Academy will be held each year, as follows: The first examination to be held on the third Tuesday in February, the second on the third Tuesday in April, under the supervision of the Civil Service Commission, at points named in the accompanying list. All those qualifying mentally who are entitled to appointment in order of nomination will be notified by the Superintendent of the Naval Academy when to report at the academy for physical examination, and if physically qualified will be appointed.

## LIST OF POINTS AUTHORIZED FOR FEBRUARY AND APRIL EXAMINATIONS.

|                           |  |       |               |   |
|---------------------------|--|-------|---------------|---|
| Alabama.....              | Birmingham.<br>Dothan.<br>Huntsville.<br>Mobile.<br>Montgomery.<br>Opelika.  | C. H. | Idaho.....    | Boise.<br>Coeur d'Alene.<br>Grangeville.<br>Moscow.<br>Pocatello.<br>Sandpoint.<br>St. Anthony.<br>Twin Falls.<br>Weiser.   |
| Arizona.....              | Clifton.<br>Douglas.<br>Flagstaff.<br>Globe.<br>Phoenix.<br>Prescott.<br>Tucson.<br>Yuma.  | C. H. | Illinois..... | Cairo.<br>Champaign.<br>Chicago.<br>East St. Louis.<br>Freeport.<br>Peoria.<br>Quincy.<br>Springfield.  |
| Arkansas.....             | Fayetteville.<br>Fort Smith.<br>Helena.<br>Jonesboro.<br>Little Rock.<br>Texarkana.  |       | Indiana.....  | Bloomington.<br>Brazil.<br>Evansville.<br>Fort Wayne.<br>Indianapolis.<br>Jeffersonville.<br>La Fayette.<br>Marion.<br>Richmond.<br>South Bend.<br>Terre Haute.<br>Valparaiso.  |
| California.....           | Eureka.<br>Fresno.<br>Los Angeles.<br>Marysville.<br>Red Bluff.<br>Sacramento.<br>San Bernardino.<br>San Diego.<br>San Francisco.<br>San Jose.<br>San Luis Obispo.           |       | Iowa.....     | Ames.<br>Burlington.<br>Cedar Rapids.<br>Council Bluffs.<br>Creston.<br>Davenport.<br>Denison.<br>Des Moines.<br>Dubuque.<br>Fort Dodge.<br>Iowa City.<br>Mason City.<br>Ottumwa.<br>Sioux City.<br>Spencer.<br>Waterloo. |
| Colorado.....             | Colorado Springs.<br>Denver.<br>Durango.<br>Fort Collins.<br>Fort Morgan.<br>Grand Junction.<br>La Junta.<br>Leadville.<br>Monte Vista.<br>Montrose.<br>Pueblo.<br>Trinidad. |       | Kansas.....   | Concordia.<br>Dodge City.<br>Emporia.<br>Fort Scott.<br>Kansas City.<br>Lawrence.<br>Leavenworth.<br>Manhattan.<br>Pittsburg.<br>Salina.<br>Topeka.<br>Wichita.   |
| Connecticut.....          | Hartford.<br>Middletown.<br>New Haven.   | C. H. | Kentucky..... | Ashland.<br>Bowling Green.<br>Covington.<br>Lexington.<br>Louisville.<br>Owensboro.<br>Paducah.   |
| Delaware.....             | Wilmington.  |       |               |   |
| District of Columbia..... | Washington.  |       |               |   |
| Florida.....              | Gainesville.<br>Jacksonville.<br>Key West.<br>Miami.<br>Pensacola.<br>Tampa.   |       |               |   |
| Georgia.....              | Athens.<br>Atlanta.<br>Augusta.<br>Macon.<br>Savannah.<br>Thomasville.   |       |               |   |
| Hawaii.....               | Honolulu.  | C. H. |               |   |

## LIST OF POINTS AUTHORIZED FOR FEBRUARY AND APRIL EXAMINATIONS—continued.

|                    |   |           |                     |   |                         |
|--------------------|---|-----------|---------------------|---|-------------------------|
| Louisiana.....     | { Alexandria.<br>Baton Rouge.<br>Lake Charles.<br>Monroe.<br>New Orleans.<br>Shreveport.  | C. H.     | Nebraska.....       | { Alliance.<br>Beatrice.<br>Broken Bow.<br>Chadron.<br>Columbus.<br>Grand Island.<br>Holdrege.<br>Lincoln.<br>McCook.<br>Nebraska City.<br>Norfolk.<br>North Platte.<br>Omaha.<br>O'Neill.              |                         |
| Maine.....         | { Bangor.<br>Bath.<br>Calais.<br>Houlton.<br>Lewiston.<br>Portland.   | C. H.     | Nevada.....         | { Carson City.<br>Elko.<br>Ely.<br>Goldfield.<br>reno.  |                         |
| Maryland.....      | { Baltimore.<br>Cumberland.<br>Salisbury.   |           | New Hampshire.....  | { Concord.<br>Hanover.<br>Keene.<br>Manchester.<br>Portsmouth.  |                         |
| Massachusetts..... | { Boston.<br>Brockton.<br>Fall River.<br>Fitchburg.<br>Lawrence.<br>Lowell.<br>Pittsfield.<br>Salem.<br>Springfield.<br>Worcester.  |           | New Jersey.....     | { Newark.<br>Trenton.   |                         |
| Michigan.....      | { Ann Arbor.<br>Detroit.<br>Grand Rapids.<br>Lansing.<br>Manistee.<br>Marquette.<br>Saginaw.<br>Sault Ste. Marie.<br>Traverse City.   |           | New Mexico.....     | { Albuquerque.<br>East Las Vegas.<br>Las Cruces.<br>Lafayette.<br>Roswell.<br>Santa Fe.<br>Tucumcari.   |                         |
| Minnesota.....     | { Austin.<br>Bemidji.<br>Brainerd.<br>Crookston.<br>Duluth.<br>Fergus Falls.<br>International Falls.<br>Mankato.<br>Minneapolis.<br>Pipestone.<br>St. Cloud.<br>St. Paul.<br>Virginia.<br>Willmar.<br>Winona. |           | New York.....       | { Binghamton.<br>Buffalo.<br>Elmira.<br>Ithaca.<br>Jamestown.<br>New York.<br>Ogdensburg.<br>Plattsburg.<br>Poughkeepsie.<br>Rochester.<br>Syracuse.<br>Troy.<br>Utica.                                 | C. H.<br>C. H.<br>C. H. |
| Mississippi.....   | { Greenville.<br>Grenada.<br>Hattiesburg.<br>Holly Springs.<br>Jackson.<br>Meridian.<br>Vicksburg.<br>West Point.   |           | North Carolina..... | { Asheville.<br>Charlotte.<br>Durham.<br>Goldsboro.<br>Greensboro.<br>Wilmington.   |                         |
| Missouri.....      | { Cape Girardeau.<br>Columbia.<br>Jefferson City.<br>Kansas City.<br>Kirkville.<br>Moberly.<br>Poplar Bluff.<br>St. Joseph.<br>St. Louis.<br>Springfield.<br>Warrensburg.                                     | OLD C. H. | North Dakota.....   | { Bismarck.<br>Devils Lake.<br>Dickinson.<br>Fargo.<br>Grand Forks.<br>Minot.<br>Valley City.<br>Williston.   |                         |
| Montana.....       | { Billings.<br>Bozeman.<br>Butte.<br>Glasgow.<br>Great Falls.<br>Helena.<br>Kalispell.<br>Miles City.<br>Missoula.  | C. H.     | Ohio.....           | { Canton.<br>Chillicothe.<br>Cincinnati.<br>Cleveland.<br>Columbus.<br>Dayton.<br>Ironton.<br>Lima.<br>Mansfield.<br>Marietta.<br>Portsmouth.<br>Steubenville.<br>Toledo.<br>Youngstown.<br>Zanesville. | C. H.                   |

## LIST OF POINTS AUTHORIZED FOR FEBRUARY AND APRIL EXAMINATIONS—continued.

|                     |   |                |                      |  |       |
|---------------------|---|----------------|----------------------|--|-------|
| Oklahoma.....       | Altus.<br>Ardmore.<br>Enid.<br>Guthrie.<br>Lawton.<br>McAlester.<br>Muskogee.<br>Oklahoma.<br>Vinita.<br>Woodward.                          |                | Texas—Continued .... | Pecos.<br>San Angelo.<br>San Antonio.<br>Texarkana.<br>Waco.<br>Wichita Falls.   |       |
| Oregon.....         | Astoria.<br>Baker City.<br>Corvallis.<br>Eugene.<br>Grants Pass.<br>Klamath Falls.<br>Marshfield.<br>Pendleton.<br>Portland.<br>The Dalles. | C. H.          | Utah.....            | Logan.<br>Provo.<br>Salt Lake City.  |       |
| Pennsylvania.....   | Altoona.<br>Harrisburg.<br>Philadelphia.<br>Pittsburgh.<br>South Bethlehem.<br>State College.<br>Warren.<br>Wilkes-Barre.<br>Williamsport.  |                | Vermont.....         | Burlington.<br>Montpelier.<br>Rutland.<br>St. Johnsbury.   | C. H. |
| Porto Rico.....     | San Juan.   |                | Virginia.....        | Abingdon.<br>Alexandria.<br>Charlottesville.<br>Clifton Forge.<br>Lynchburg.<br>Norfolk.<br>Richmond.<br>Roanoke.<br>Staunton.<br>Winchester.  |       |
| Rhode Island.....   | Providence.   |                | Washington.....      | Aberdeen.<br>Bellingham.<br>Centralia.<br>North Yakima.<br>Pasco.<br>Port Townsend.<br>Pullman.<br>Raymond.<br>Seattle.<br>Spokane.<br>Tacoma.<br>Vancouver.<br>Walla Walla.<br>Wenatchee. | C. H. |
| South Carolina..... | Charleston.<br>Chester.<br>Columbia.<br>Florence.<br>Greenville.<br>Greenwood.<br>Orangeburg.<br>Sumter.                                    |                | West Virginia.....   | Bluefield.<br>Charleston.<br>Elkins.<br>Fairmont.<br>Hinton.<br>Huntington.<br>Martinsburg.<br>Parkersburg.<br>Wheeling.   |       |
| South Dakota.....   | Aberdeen.<br>Brookings.<br>Deadwood.<br>Huron.<br>Lemmon.<br>Mitchell.<br>Pierre.<br>Rapid City.<br>Sioux Falls.<br>Watertown.              |                | Wisconsin.....       | Appleton.<br>Ashland.<br>Chippewa Falls.<br>La Crosse.<br>Madison.<br>Marquette.<br>Milwaukee.<br>Superior.<br>Wausau.   |       |
| Tennessee.....      | Bristol.<br>Chatanooga.<br>Jackson.<br>Knoxville.<br>Memphis.<br>Nashville.   |                | Wyoming.....         | Casper.<br>Cheyenne.<br>Cody.<br>Evanston.<br>Laramie.<br>Rawlins.<br>Rock Springs.<br>Shrader.  |       |
| Texas.....          | Amarillo.<br>Austin.<br>Brownsville.<br>Dallas.<br>El Paso.<br>Houston.<br>Lubbock.   | C. H.<br>C. H. |                      |  |       |

Candidates may be examined at any of the places named in the accompanying list.

Senators and Representatives are requested, when designating their nominees, to give the place at which it is desired they should be examined.

18. Alternates are given the privilege of reporting for mental examinations at the same time with the principal.

19. No examination will be held later than the third Tuesday in April. The large number of midshipmen to be instructed and drilled makes this rule necessary, and it is to the great advantage of the new midshipmen themselves. The summer months are utilized in preliminary instruction in professional branches and drills, such as

handling boats under oars and sails, and in seamanship, gunnery, and infantry drills. These practical exercises form excellent groundwork for the academic course.

20. The examination papers used in all examinations are prepared at the Naval Academy and the examinations of candidates are finally passed upon by the academic board. No candidate shall be admitted unless, in the opinion of the academic board, he shows the requisite mental qualifications.

21. Under the law, candidates failing to pass the entrance examination can not be allowed another examination for admission to the same class unless recommended for reexamination by the academic board.

22. Candidates who have successfully passed the entrance examination in a previous year shall not be required to take another mental examination for admission, in the event of reappointment.

23. The Civil Service Commission merely conducts the examination of candidates whose names have been furnished by the Navy Department. All correspondence relative to the nomination and examination of candidates should be addressed to the Bureau of Navigation, Navy Department, Washington, D. C.

24. Candidates will be required to enter the academy *immediately after passing the prescribed mental and physical examinations*, or at such times as the Secretary of the Navy may designate.

25. *No leaves of absence will be granted to midshipmen of the fourth class.*

26. Candidates will be examined physically at the Naval Academy by a board composed of three medical officers of the Navy, whose decision will be final.

Physical examinations will habitually be held at the following times:

For candidates mentally examined in February, April, or in a previous year, at a date designated by the Superintendent of the Naval Academy, who will inform each candidate when to present himself for physical examination. The usual date for the physical examination is the *first week in June* of each year.

#### MORAL REQUIREMENTS.

27. Candidates must be of good moral character. *No candidate who has been dismissed for "inaptitude" in accordance with the act of Congress approved April 9, 1906, shall be reappointed or allowed to reenter the Naval Academy.*

#### PHYSICAL REQUIREMENTS.

28. Candidates are required to be of good moral character, physically sound, well formed, and of robust constitution.

29. Any one of the following conditions will be sufficient to cause the rejection of a candidate, viz:

(a) Feeble constitution, inherited or acquired.

(b) Retarded development.

(c) Impaired general health.

(d) Decided cachexia, diathesis, or predisposition; anemia, from malaria or from intestinal parasites, as hookworm.

(e) Any disease, deformity, or result of injury that would impair efficiency; such as—

(ea) Weak or disordered intellect.

(eb) Cutaneous or communicable disease.

(ec) Unnatural curvature of the spine, torticollis, or other deformity.

(ed) Inefficiency of either of the extremities or large articulations from any cause.

(ef) Epilepsy or other convulsions within five years.

(f) Impaired vision, disease of the organs of vision, imperfect color sense; *visual acuteness must be normal, i. e., 20/20 for each eye without the aid of glasses.* There shall be no deviation from this standard.

(g) Impaired hearing or disease of either ear. The organs of hearing, both the conductive apparatus (outer and middle ear) and the percipient apparatus (internal ear), must be free from disease. In testing the hearing of the candidate, the voice, the ticking of a watch, and, if practicable, Politzer's acoumeter shall be employed.

The voice is a more reliable method of determining the acuteness of hearing than the ticking of an ordinary watch, as it allows for variations in hearing, with the modifications produced by changes in pitch and tone. Hearing in each ear must be normally acute to the spoken and whispered voice. In examining the acuteness of the hearing with the voice, one ear of the candidate should be closed while the other ear is being examined, and his eyes should be covered to prevent lip reading. The ticking of an ordinary watch should be heard at a distance of 40 inches.

(h) Chronic nasal catarrh, ozaena, polypi, or great enlargement of the tonsils.

(i) Impediment of speech to such an extent as to impair efficiency in the performance of duty.

(k) Disease of heart or lungs or decided indications of liability to cardiac or pulmonary affections.

(l) Hernia, complete or incomplete, and undescended testis.

(m) Varicocele, sarcocoele, hydrocele, stricture, fistula, hemorrhoids, or varicose veins of lower limbs.

(n) Phimosis and diseases of the genito-urinary organs.

(o) Ingrowing nails, bunions, cross or hammer toes, flat feet or other deformity of feet.

(p) Loss of many teeth, or teeth generally unsound. Marked overbite, or lack of occlusion of jaws. There should be at least eight opposing molars, two on each side in each jaw. All defective teeth should have permanent fillings. Much time can be saved by previous attention to this requirement.

30. Attention will also be paid to the stature of the candidate, and no one *manifestly* under size for his age will be received at the academy. The height of candidates for admission shall not be less than 5 feet 2 inches between the ages of 16 and 18 years, and not less than 5 feet 4 inches between the ages of 18 and 20 years; and the minimum weight at 16 years of age shall be 111 pounds, with an increase of not less than 3 pounds for each additional year or fraction of a year over one-half. Any *marked* deviation in the height and weight relative to the age of a candidate will add materially to the consideration for rejection.

31. Candidates must be unmarried, and any midshipman who shall marry, or who shall be found to be married, before his final graduation, shall be dismissed the service.

#### MENTAL REQUIREMENTS.

32. Candidates will be examined mentally in punctuation, spelling, English grammar, geography, United States history, arithmetic, algebra through quadratic equations, and plane geometry (five books of Chauvenet's geometry or equivalent). Deficiency in any one of these subjects may be sufficient to insure the rejection of the candidate. Maximum mark 4.00; passing mark 2.50. Certificates from colleges and high schools will not be accepted in lieu of entrance examinations. All candidates must take the prescribed mental and physical examinations.

#### GENERAL CHARACTER OF THE MENTAL EXAMINATION.

33. **READING AND WRITING.**—Candidates must be able to read understandingly, and with proper accent and emphasis, and to write legibly, neatly, and rapidly.

34. **SPELLING.**—They must be able to write, from dictation, a list of not more than 100 selected words, or paragraphs from standard pieces of English literature, both prose and poetry, sufficient in number to test fully their qualifications in this branch.

The spelling throughout the examination will be considered in marking the papers. The academic board are instructed not to reject a candidate whose only deficiency is in spelling when the mark therefor is above a certain figure, to be fixed by the board, subject to the revision of the department.

35. PUNCTUATION AND CAPITALS.—They must be familiar with the rules for punctuation and for the use of capitals. In order to test their knowledge, sentences may be given for correction. Punctuation and the use of capitals throughout the examination will be considered in marking papers.

36. GRAMMAR.—Candidates must exhibit thorough familiarity with English grammar; they must be able to analyze and parse any sentence given, showing clearly the relations between the different parts of speech, and giving the rules governing those relations. The subject and predicate in the sentence must be given, with modifiers (if any), and also the part of speech, and kind, case, voice, mood, tense, number, person, degree of comparison, etc., as the case may be, of each word, and its relation to other words in the sentence.

They must be able to define the terms used in grammar, a number of which may be given as a test of their knowledge.

Sentences containing grammatical mistakes may be given for correction.

A composition on one of three subjects will be required.

Since the school grammars used in different parts of the country vary among themselves in their treatment of certain words, an answer approved by any grammar of good repute will be accepted.

37. GEOGRAPHY.—Candidates will be required to pass a satisfactory examination in descriptive geography, particularly of our own country. Questions will be given under the following heads: The definitions of latitude and longitude (including problems with regard to differences of time between places); the zones; the grand divisions of land and water; the character of coast lines; the climate of different parts of the United States; trade winds; the direction and position of important mountain chains and the locality of the higher peaks; the position and course of the principal rivers, their tributaries, and the bodies of water into which they flow; the position of important seas, bays, gulfs, and arms of the sea; the position of independent States, their boundaries and capital cities; the position and direction of great peninsulas and the situation of important and prominent capes, straits, sounds, channels, and the most important canals; great lakes and inland seas; position and political connection of important islands and colonial possessions; location of cities of historical, political, or commercial importance, attention being especially called to the rivers and bodies of water on which cities are situated; the course of a vessel in making a voyage between well-known ports.

The candidate's knowledge of the geography of the United States can not be too full or specific on all the points referred to above. Accurate knowledge will also be required of the position of the country with reference to other States, and with reference to latitude and longitude of the boundaries and relative position of the States and Territories, of the name and position of their capitals, and of other important cities and towns.

The following-named textbooks are used in preparing examination questions: Maury's New Complete Geography; Complete Geography, by A. E. Fry; Natural Advanced Geography, by Redway and Hinman.

38. UNITED STATES HISTORY.—The examination in this branch will include questions concerning the early settlements in this country; the forms of government in the colonies; the causes, leading events, and results of wars; and prominent events in the history of our Government since its foundation.

The following-named textbooks are used in preparing examination questions: A Student's History of the United States, by Edward Channing; The Students' Ameri-

can History, by D. H. Montgomery; A School History of the United States, by John Bach McMaster.

39. ARITHMETIC.—The candidate will be required—

To express in figures any whole, decimal, or mixed number; to write in words any given number; to perform with facility and accuracy the various operations of addition, subtraction, multiplication, and division of whole numbers, whether abstract or compound, and to use with facility the tables of money, weights, and measures in common use, including English money.

To reduce compound numbers from one denomination to another, and to express them as decimals or fractions of a higher or lower denomination; to state the number of cubic inches in a gallon and the relation between the troy and avoirdupois pounds, and to reduce differences of time to differences of longitude, and *vice versa*.

To define prime and composite numbers; to give the tests of divisibility by 3, 5, 9, 11, 25, and 125; to resolve numbers into their prime factors, and to find the least common multiple and the greatest common divisor of large as well as of small numbers.

To be familiar with all the processes of common and decimal fractions; to give clearly the reasons for such processes, and to be able to use the contracted methods of multiplication and division given in the ordinary textbooks on arithmetic.

To define ratio and proportion, and to solve problems in simple and compound proportion.

To solve problems involving the measurement of rectangular surfaces and of solids, to find the square roots and the cube roots of numbers, and to solve simple problems under percentage, interest, and discount.

The candidates are required to possess such a thorough understanding of all the fundamental operations of arithmetic as will enable them to apply the various principles to the solution of any complex problem that can be solved by the methods of arithmetic; in other words, they must possess such a complete knowledge of arithmetic as will enable them to proceed at once to the higher branches of mathematics without further study of arithmetic.

The required ground is completely covered by any one of the following textbooks: Advanced Arithmetic, by G. A. Wentworth (first 16 chapters); A High School Arithmetic, by Wentworth and Hill; Standard Arithmetic, by William J. Milne; Arithmetic in Theory and Practice, by J. Brook-Smith.

40. ALGEBRA.—The examination in algebra will include questions and problems upon the fundamental rules, factoring, greatest common divisor, least common multiple, algebraic fractions, equations of the first degree with one or more unknown quantities, simplification of expressions involving surds, and the solution and theory of quadratic equations, problems involving the formation of simple and quadratic equations, and the meaning and law of exponents, positive, negative, and fractional. The requirements are fully expressed in Wentworth's College Algebra (Revised), first 14 chapters, or Wentworth's Elementary Algebra, first 21 chapters; Milne's Academic Algebra, 324 pages.

41. GEOMETRY.—In geometry, candidates will be required to give accurate definitions of terms used in plane geometry, to demonstrate any proposition of plane geometry as given in the ordinary textbooks, and to solve simple geometrical problems, either by a construction or by an application of algebra. Either of the following textbooks cover the ground required in geometry: Wentworth and Hill's Plane and Solid Geometry (5 books); Robbin's Plane Geometry; Chauvenet's Geometry (5 books).

42. The entrance examination used in April, 1915, for the purpose of determining the mental qualifications of candidates for admission is quoted below in full.

## SAMPLE ENTRANCE EXAMINATION.

(April, 1915.)

## DICTATION EXERCISE IN SPELLING.

[20 minutes allowed for this subject.]

The examiner will pronounce distinctly each word, repeating the word if necessary.

- |                    |                    |                 |
|--------------------|--------------------|-----------------|
| 1. siege.          | 15. seminary.      | 29. usage.      |
| 2. artillery.      | 16. erroneous.     | 30. prophecy.   |
| 3. commissary.     | 17. competitive.   | 31. illegible.  |
| 4. torpedo.        | 18. physical.      | 32. tyrannize.  |
| 5. disapproval.    | 19. illiterate.    | 33. squadron.   |
| 6. subterranean.   | 20. plenteous.     | 34. cruiser.    |
| 7. dissatisfied.   | 21. acquittal.     | 35. exaggerate. |
| 8. rhyme.          | 22. pronounceable. | 36. invincible. |
| 9. vicious.        | 23. concise.       | 37. ammunition. |
| 10. sovereign.     | 24. twelfth.       | 38. foreign.    |
| 11. infallible.    | 25. already.       | 39. decisive.   |
| 12. parliament.    | 26. advisable.     | 40. prejudice.  |
| 13. tranquillity.  | 27. generally.     |                 |
| 14. indispensable. | 28. mechanical.    |                 |

## GRAMMAR.

[2 hours allowed for this subject.]

1. Write a short business letter; for example, ordering a book or subscribing to a magazine.

2. (a) Correct the following in regard to capitals, punctuation, and paragraphing: the indian chiefs have quarreled he asked I nodded I must fly to them he said beginning once again to leave his bed no no I cried holding up my hands

(b) Correct the following sentences if necessary:

(1) Every alumni of that girls' college had their own ideas on that subject.

(2) He is a man who I know to be trustworthy, but his brother is a man who I feel is not to be depended on.

(3) Will I get your coat, sir? You can if you want to.

(4) We knew we were a long ways from home, but couldn't hardly tell just where.

3. Analyze the following sentence and parse the italicized words: Fourscore and seven *years* ago, our fathers *brought* forth upon this continent a new nation, conceived in liberty and *dedicated* to the proposition that all men are created *equal*.

4. Write sentences to illustrate (a) a nominative of address, (b) a clause in apposition to a noun, (c) a perfect tense of the verb *lie* (to recline), (d) a reflexive pronoun, (e) a past tense of the verb *dive*, (f) a collective noun used in the plural, (g) a subjunctive mode contrary to fact, (h) a progressive present tense.

5. Write a theme of at least one page (about 300 words) on one of the following subjects:

(1) Baseball at — (your home town or preparatory school).

(2) A description of some character (man or woman) of your acquaintance.

(3) A story of adventure from your own experience.

## GEOGRAPHY.

[2 hours allowed for this subject.]

1. (a) Name the capital cities of the following countries: (1) Liberia; (2) Peru; (3) Russia; (4) Serbia; (5) Egypt; (6) Ecuador; (7) Alaska.

(b) Define latitude and longitude. When it is 5 o'clock a. m., standard time, in New York, what time is it in San Francisco?

2. (a) What are the following (river, bay, city, etc.): (1) Fundy; (2) Oman; (3) New Caledonia; (4) Otranto; (5) Popocatepetl; (6) Callao; (7) Pontchartrain; (8) Petrograd; (9) Yser; (10) Kiel?

(b) Give the geographical position of each.

3. (a) What is the main production or industry in each of the following States and cities: (1) Oregon; (2) Birmingham (Ala.); (3) Pittsburgh; (4) Milwaukee; (5) Minneapolis?

(b) Discuss the probable value of the Panama Canal.

4. (a) Draw a map to show how you might get by water from Duluth to Halifax. Indicate your route by dotted lines, and name the bodies of water traversed.

(b) Do likewise to show how you would get from Glasgow to Antwerp.

#### ARITHMETIC.

[3 hours allowed for this subject.]

1. (a) Find in decimal form, correct to five decimals, the value of  $\frac{3}{8} + \frac{12}{13} + \frac{7}{125} + \frac{58}{71}$ .

(b) The diameter of a wheel is 3 feet 3 inches. Find the circumference, to thousandths of a foot. ( $\pi = 3.1416$ .)

(c) A meter is 39.37 inches. Find the number of meters in a mile.

2. (a) Simplify  $\left(\frac{13}{20} \times \frac{16}{21} \times \frac{7}{12} \times \frac{3\frac{1}{2}}{4}\right) \div \left(\frac{2}{5} \times \frac{8}{9} \times 15\right)$  and  $9\frac{1}{10} + 3\frac{4}{15} - 3\frac{7}{12} - 1\frac{5}{8} - 2\frac{3}{4}$ .

(b) A radian is the angle at the center of a circle measured by an arc equal in length to the radius. Find the value of a radian in degrees, minutes, and seconds. ( $\pi = 3.1416$ .)

3. (a) Find to five decimals the value of  $\frac{3 - \sqrt{7}}{3 + \sqrt{7}}$ .

(b) If a cubic foot of water weighs 62.42 pounds, and if a cubic foot of ice weighs .918 as much, find to tenths of a foot the inside dimensions of a cubical ice box to hold 3,000 pounds of ice.

4. (a) The longitude of Manila is  $120^{\circ} 57' 30''$  E. and that of San Francisco is  $122^{\circ} 25' 45''$  W. When it is 8 a. m. in Manila, what is the time in San Francisco?

(b) Scientists measured the length of an arc of 25 degrees on a circle of longitude from Hammerfest, Norway, to a point directly south. If this arc was found to be 1,750 miles, what is the radius of the earth in miles?

5. (a) Compute the simple interest on \$3,180 for 2 years 10 months and 16 days at 4 per cent.

(b) The taxable property in a village is valued at \$1,360,000, and a tax of \$8.840 is voted. What will be the rate of taxation?

(c) An automobile approaches a house 20 miles distant at the rate of 18 miles an hour; at the same time a man leaves the house and walks toward the automobile, meeting it in 1 hour. How fast did he walk? How much sooner would he have met the automobile if he had walked three times as fast?

#### UNITED STATES HISTORY.

[2 hours allowed for this subject.]

1. (a) What form of government existed in each of the thirteen colonies previous to the Revolution?

(b) Describe the settlements in Georgia.

(c) What was the origin of the Mason and Dixon Line?

2. (a) In the Civil War, what battles did Grant fight in the West? Sketch the military career of Stonewall Jackson.

- (b) Explain the relations of the United States and England during the Civil War.
3. (a) Outline the events and policies of the administration of President Cleveland.
- (b) Explain the attitude of the United States toward European colonization of the New World. Name two instances when this has affected events.
4. Discuss the origin and appropriateness of the following names: (a) Pittsburgh (Pa.); (b) Houston, (Tex.); (c) New York; (d) Jamestown (Va.); (e) Sioux City (Iowa); (f) Marquette (Wis.); (g) Lake Champlain; (h) Louisiana; (i) Amsterdam (N. Y.).

## ALGEBRA.

[3 hours allowed for this subject.]

1. (a) Multiply  $a^2 + b^2 + c^2 - ab - bc - ca$  by  $a + b + c$ .
- (b) Simplify  $\frac{x^4 - 8x}{x^2 - 4x - 5} \times \frac{x - 5}{x^2 + 2x + 4} \div \frac{x^3 - x^2 - 2x}{x^2 + 2x + 1}$ .
- (c) Divide  $18xy^2 - 23 + x^{\frac{1}{2}}y + 6x^{-1}y^2$  by  $3x^{\frac{3}{4}}y^{\frac{1}{2}} + x^{\frac{1}{4}} - 2x^{-\frac{1}{4}}y$ .
2. (a) Solve the simultaneous equations  $\frac{m}{n+y} = \frac{n}{m-x}$  and  $\frac{m}{n+x} = \frac{n}{m-y}$ .
- (b) A man walks from one place to another in  $5\frac{1}{2}$  hours. If he had walked  $\frac{1}{4}$  of a mile an hour faster, the walk would have taken  $36\frac{3}{4}$  fewer minutes. How many miles did he walk, and at what rate?
3. (a) Solve the equations  $6x^2 - 17x - 133 = 0$  and  $x^2 - 4ax + 2bx + 3a^2 - 6ab = 0$ .
- (b) The sides of a rectangle are in the ratio of 2 : 3, and by lengthening each side 10 feet the area is doubled. Find the sides of the rectangle.
4. (a) Solve the equations  $\sqrt{4x+4} - \sqrt{7-x} - \sqrt{5x-11} = 0$  and  $25x^{\frac{2}{3}} + 20x^{\frac{1}{3}} - 21 = 0$ .
- (b) The telegraph poles along a road are at equal intervals. If the interval between the poles were increased by 22 feet, there would be 8 fewer poles in a mile. How many are there in a mile?
5. (a) Solve the simultaneous equations  $x^3 - y^3 = 127$  and  $x^2y - xy^2 = 42$ .
- (b) For what values of  $m$  will the equation  $x^2 - 2x(1+3m) + 7(3+2m) = 0$  have equal roots?

## GEOMETRY.

[3 hours allowed for this subject.]

1. (a) State the several cases when two triangles are equal.
- (b) Construct the triangle, given one of its angles, the side opposite, and another side. Discuss the several cases.
2. (a) The sides of a triangle are 51 feet, 52 feet, and 53 feet. Find its area, and the radius of the inscribed circle.
- (b) The sides of a triangle are 7 inches, 10 inches, and 13 inches. Find the segments of the longest side made by the bisector of the opposite angle. Also, find the segments of the same side made by the bisector of the opposite exterior angle.
3. (a) Upon a line 2 inches long construct a segment which shall contain an angle of 60 degrees.
- (b)  $O$  is the center of a circle of 3 inches radius. Show how to draw a tangent from  $P$ , which is 5 inches from  $O$ .
- (c) A chord through  $P$ , a point 5 inches from the center of a circle, is divided by  $P$  into segments of 9 inches and 16 inches. Find the diameter of the circle.
- (d) Two circles are tangent externally, and two lines are drawn through their point of contact, intersecting the circumferences. Prove that the chords joining these points of intersection are parallel.
4. (a) A straight line  $a$  units in length is divided internally and externally in extreme and mean ratio. Find by algebra the lengths of the four segments.
- (b) Prove that the six triangles formed by drawing the medians of a given triangle are equivalent.
5. (a) A water tank is emptied by a pipe  $\frac{1}{2}$  inch in diameter in 3 minutes. How long would it take a pipe  $\frac{3}{4}$  inch in diameter to empty the tank?

(b) The side of a square is  $a$ . A line drawn parallel to a diagonal cuts off  $\frac{1}{3}$  of the square. Find the distance of this line from the corner cut off.

(c) Find the length of a diagonal of a regular pentagon inscribed in a circle of radius  $a$ .

## ADMISSION.

43. Candidates who pass the required examinations will receive appointments as midshipmen, and be admitted as such to the Naval Academy. Each midshipman on admission will be required to sign articles by which he binds himself to serve in the United States Navy eight years (including his time of probation at the Naval Academy), unless sooner discharged. He will be required to certify on honor his exact age.

44. The pay of a midshipman is \$600 a year, commencing at the date of his admission.

45. Midshipmen will supply themselves, immediately upon their admission, with the following articles, viz:

|                                    |        |                                    |        |
|------------------------------------|--------|------------------------------------|--------|
| One white cap and anchor.....      | \$2.45 | One requisition book.....          | \$0.40 |
| One dress jacket.....              | 20.78  | One pass book.....                 | .30    |
| One blouse.....                    | 15.22  | Three stencils, ink, and brush.... | .75    |
| One pair dress trousers.....       | 11.83  | Wash basin and pitcher.....        | .90    |
| One pair service trousers.....     | 6.68   | One pair gymnasium slippers....    | .87    |
| One overcoat.....                  | 26.98  | * One whisk.....                   | .17    |
| One reefer.....                    | 12.18  | * One coarse comb.....             | .12    |
| One mackintosh.....                | 11.50  | * One box soap.....                | .30    |
| One cap cover.....                 | .24    | * One hairbrush.....               | .65    |
| Two pairs regulation leggings..... | 1.40   | * Stationery.....                  | 1.75   |
| One parade cap.....                | 3.10   | * Twelve white handkerchiefs...    | 2.40   |
| One mug.....                       | .07    | * One pair suspenders.....         | .40    |
| One soap box.....                  | .18    | Four suits pajamas.....            | 3.80   |
| One laundry book.....              | .25    | * One toothbrush.....              | .18    |
| One pair blankets.....             | 3.75   | * Thread and needles.....          | .75    |
| One pair overshoes.....            | .83    | * Blacking brush and blacking...   | .50    |
| Two pairs high shoes.....          | 9.60   | * Nailbrush.....                   | .50    |
| Eight white shirts.....            | 4.00   | Six pillowcases.....               | .78    |
| Twelve collars.....                | 1.20   | Name plate.....                    | .15    |
| Two white blouses.....             | 8.00   | Two bedspreads.....                | 2.50   |
| Two pairs white trousers.....      | 4.00   | One slop jar.....                  | 1.00   |
| Twelve pairs cuffs.....            | 2.20   | Two spatter cloths.....            | 1.00   |
| Twelve pairs socks.....            | 2.40   | One hair pillow.....               | .75    |
| * Eight towels.....                | 1.60   | One rug.....                       | .75    |
| * Shaving outfit.....              | 2.65   | One hair mattress.....             | 4.85   |
| Twelve pairs drawers (summer)..    | 4.80   | One broom.....                     | .35    |
| Twelve undershirts (summer)....    | 4.32   | Three khaki blouses.....           | 5.01   |
| One hand glass.....                | 1.15   | Four khaki shirts.....             | 9.20   |
| One blue sweater.....              | 3.15   | Four pairs khaki trousers.....     | 5.00   |
| Two blue jerseys.....              | 4.00   | One khaki belt.....                | .17    |
| One pair white shoes.....          | 1.80   | One waste-paper basket.....        | .65    |
| Three white hats.....              | 1.05   | One trousers hanger.....           | .30    |
| One jackknife.....                 | .25    | Six coat hangers.....              | .36    |
| Two lanyards.....                  | .24    | One strong box.....                | 1.60   |
| Six sheets.....                    | 3.90   | One pair ear protectors.....       | .20    |
| Hammock clews.....                 | .50    | Two manuals.....                   | .83    |
| One pair bathing trunks.....       | .15    | One pair collar anchors.....       | .75    |
| Three pairs white gloves.....      | 1.20   |                                    |        |
| Two clothes bags.....              | .50    |                                    |        |
|                                    |        |                                    | 231.84 |

The articles marked \*, not being required to conform to a standard pattern, may be brought by the midshipman from home, but all other articles must conform to the regulations, and must therefore be supplied by the storekeeper.

46. Each midshipman must, on admission, deposit with the pay officer the sum of \$60, for which he will be credited on the books of that officer, to be expended by direction of the superintendent in the purchase of textbooks and other authorized articles besides those enumerated in the preceding article.

47. All deposits for clothing and the entrance deposit of \$60 must be made before a candidate can be received into the academy.

48. Checks for these deposits *must not be made payable to the order of the superintendent*. They should be made payable to the candidate's own order and be presented to the pay officer of the Naval Academy at the time of deposit.

#### SUMMARY OF EXPENSES.

|                                |           |
|--------------------------------|-----------|
| Deposit for clothing, etc..... | \$231. 84 |
| Deposit for books, etc.....    | 60. 00    |
|                                | <hr/>     |
|                                | 291. 84   |

The value of clothing brought from home is to be deducted from this amount.

49. Each midshipman will be paid, as soon as adjusted by the Treasury Department, the amount of his actual expenses in traveling from his home to the academy, which he will deposit with the Midshipmen's Pay Officer to be credited to his account.

# COURSE OF INSTRUCTION, 1915-16.

[Reference books are marked \*.]

## FIRST YEAR—FOURTH CLASS.

### FIRST TERM.

| Departments.  | Periods each week. | Subjects.  | Textbooks.   |
|---|--------------------|--|--|
| MARINE ENGINEERING AND NAVAL CONSTRUCTION.  | 3                  | Mechanical drawing....                               | Bartlett's Mechanical Drawing.*<br>Bartlett and Johnson's Engineering Descriptive Geometry.  |
| MATHEMATICS AND MECHANICS..   | 6                  | Plane and solid geometry.<br>Algebra and logarithms. | Robbins' New Plane Geometry.<br>Baker's Elements of Solid Geometry.<br>Brown and Capron's Practical Algebra.<br>Bowditch's Useful Tables.*   |
| ENGLISH.....  | 4                  | English (including debating).                        | Herrick & Damon's New Composition and Rhetoric.<br>Webster's Collegiate Dictionary.*<br>Sandwick and Bacon's High School Word Book.<br>Note Book.                                    |
| MODERN LANGUAGES.....<br>(One-half of the class studies Spanish and the other half French.) | 3                  | Spanish.....   | Elementary Course in Spanish Pronunciation, U. S. School of Languages.<br>Abridged Spanish Grammar, Olmsted and Gordon.<br>New Spanish Dictionary, Appleton.*                        |
|   | 3                  | French.....  | Elementary Course in French Pronunciation, U. S. School of Languages.<br>Shorter French Course, Fraser and Squair.<br>Heald's French and English Dictionary.*<br>Marion's Le Verbe.* |

### SECOND TERM.

|   |   |   |   |
|---|---|---|---|
| MARINE ENGINEERING AND NAVAL CONSTRUCTION.  | 3 | Mechanical drawing....  | Bartlett's Mechanical Drawing.*<br>Bartlett and Johnson's Engineering Descriptive Geometry.   |
| MATHEMATICS AND MECHANICS..   | 6 | Plane and spherical trigonometry.<br>Stereographic projections. | Brown's Trigonometry and Stereographic Projections.<br>Bowditch's Useful Tables.*   |
| ENGLISH.....  | 4 | English (including debating).                                   | Shakespeare's Henry IV, Part I, Temple edition.<br>Dana's Two Years Before the Mast.<br>Reich's Foundations of Modern Europe.<br>Brewster's Studies in Structure and Style.<br>Hale's Man Without a Country.<br>Poe's Tales of Mystery and Imagination, Everyman's Library. |
| MODERN LANGUAGES.....<br>(One-half of the class studies Spanish and the other half French.) | 3 | Spanish.....  | Continuation of first term's work.  |
|   | 3 | French.....   | Continuation of first term's work.  |

## SECOND YEAR—THIRD CLASS.

## FIRST TERM.

| Departments.  | Periods each week. | Subjects.  | Textbooks.  |
|---|--------------------|--|---|
| MARINE ENGINEERING AND NAVAL CONSTRUCTION.  | 3                  | Mechanical processes and drawings.                                   | Danforth's Mechanical Processes. Bureau Steam Engineering, Tables of Standards. Department Marine Engineering Notes.* Bartlett's Mechanical Drawing.* |
| MATHEMATICS AND MECHANICS..   | 5                  | Calculus and analytic geometry.                                      | Brown and Capron's Calculus (Revised). Bowditch's Useful Tables.*   |
| ELECTRICAL ENGINEERING AND PHYSICS.   | 4                  | Elementary physics <sup>1</sup> ....                                 | Watson's General Physics. Jones's Problems in Physics. Lecture Notes.   |
| ENGLISH.....  | 2                  | Constitutional law.....<br>Naval history.....<br>English themes..... | Fenton's Constitutional Law. Hale's Famous Sea Fights. Themes.  |
| MODERN LANGUAGES.....<br>(One-half of the class studies Spanish and the other half French.) | 3                  | Spanish.....   | Abridged Spanish Grammar, Olmsted and Gordon.<br>New Spanish Dictionary, Appleton.*   |
|   | 3                  | French.....  | Shorter French Course, Fraser and Squair.<br>Heath's French and English Dictionary.*<br>Marion's Le Verbe.*   |

## SECOND TERM.

|   |   |   |   |
|---|---|---|---|
| MARINE ENGINEERING AND NAVAL CONSTRUCTION.  | 3 | Elementary engineering.                                 | Naval Reciprocating Engines and Auxiliary Machinery. Lyon and Hinds's Marine and Naval Boilers. Danforth's Mechanical Processes.                      |
| MATHEMATICS AND MECHANICS..   | 5 | Calculus.....   | Brown and Capron's Calculus (Revised). Bowditch's Useful Tables.*   |
| ELECTRICAL ENGINEERING AND PHYSICS.   | 4 | Elementary electricity and magnetism.<br>Chemistry..... | Watson's General Physics.<br>Remsen's Introduction to the Study of Chemistry.<br>Lecture Notes.<br>Dashiell's Stoichiometrical Problems in Chemistry. |
| ENGLISH.....  | 2 | U. S. naval history and naval history.<br>Themes.....   | Clark's Short History of U. S. Navy. Hale's Famous Sea Fights. Department lectures and maps. Themes.  |
| MODERN LANGUAGES.....<br>(One-half of the class studies Spanish and the other half French.) | 2 | Spanish.....  | Abridged Spanish Grammar, Olmsted and Gordon.<br>New Spanish Dictionary, Appleton.*<br>Gil Blas de Santillana, Geddes and Josselyn.                   |
|   | 2 | French.....   | Shorter French Course, Fraser and Squair.<br>Heath's French and English Dictionary.*<br>Marion's Le Verbe.*<br>French Composition, Koren.             |

<sup>1</sup> Includes 16 Friday evening lecture periods.

## THIRD YEAR—SECOND CLASS.

## FIRST TERM.

| Departments.  | Periods each week. | Subjects.   | Textbooks.   |
|---|--------------------|---|--|
| MARINE ENGINEERING AND NAVAL CONSTRUCTION.  | 4                  | Boilers and mechanism..   | Lyon & Hinds's Marine and Naval Boilers.<br>Schwamb & Merrill's Elements of Mechanism.   |
| MATHEMATICS AND MECHANICS..   | 5                  | Mechanics.....<br>Hydromechanics.....<br>Strength of materials...                             | Smith's Mechanics.<br>Alger's Hydromechanics.<br>Smith's Strength of Materials.  |
| ELECTRICAL ENGINEERING AND PHYSICS.   | 3                  | Electrostatics.<br>Magnetism.<br>Electro-magnetism.<br>Electro chemistry.<br>Direct currents. | Brooks & Poyser's Magnetism and Electricity.<br>Bullard's Naval Electricians' Text-book.   |
| ENGLISH.....  | 2                  | English classics and themes.  | Roe and Elliott's English Prose.<br>Macaulay's Critical and Historical Essays, Vol. I Everyman's Library.<br>Carlyle's Heroes and Hero Worship, Handy Volume Classics.<br>Nelson's Shakespeare's Hamlet. |
| MODERN LANGUAGES.....<br>(One-half of the class studies Spanish and the other half French.) | 2                  | Spanish.....  | Abridged Spanish Grammar, Olmsted and Gordon.<br>New Spanish Dictionary, Appleton.*  |
|   | 2                  | French.....   | Shorter French Course, Fraser and Squair.<br>Heath's French and English Dictionary.*   |

## SECOND TERM.

|   |   |   |  |
|---|---|---|--|
| ORDNANCE AND GUNNERY.....   | 2 | Ordnance and gunnery..  | Naval Ordnance.  |
| NAVIGATION.....   | 4 | Astronomy.....<br>Navigation.....   | White's Astronomy.<br>Muir's Navigation and Compass Deviations.<br>American Practical Navigator, Bowditch.<br>Nautical Almanac.*<br>Azimuth Tables.* |
| MARINE ENGINEERING AND NAVAL CONSTRUCTION.  | 5 | Engines.....  | Sterling's Internal Combustion Engine Manual.<br>Naval Reciprocating Engines and Auxiliary Machinery.  |
| ELECTRICAL ENGINEERING AND PHYSICS.   | 3 | Direct currents.....<br>Principles of dynamo-electric machines.<br>Principles of alternating currents.<br>Radio telegraphy. | Brooks & Poyser's Magnetism and Electricity.<br>Bullard's Naval Electricians' Text book.   |
| MODERN LANGUAGES.....<br>(One-half of the class studies Spanish and the other half French.) | 1 | Spanish.....  | Spanish Composition, Crawford.<br>New Spanish Dictionary, Appleton.*   |
|   | 1 | French.....   | French Composition, Karen<br>Heath's French and English Dictionary.*   |

## FOURTH YEAR—FIRST CLASS.

## FIRST TERM.

| Departments.  | Periods<br>each<br>week. | Subjects.  | Textbooks.  |
|---|--------------------------|--|---|
| SEAMANSHIP.....   | 3                        | International law.....<br>Seamanship.....  | Stockton's Manual of International Law.<br>Knight's Seamanship.<br>The Deck and Boat Book, 1914.  |
| ORDNANCE AND GUNNERY.....   | 4                        | Exterior ballistics.....<br>Elastic strength of guns..<br>Gunnery.....<br>Interior ballistics..... | Alger's Exterior Ballistics, 1915.<br>Alger's Elastic Strength of Guns.<br>Range and Ballistic Tables, 1914.<br>Gunnery Instructions, 1913.<br>Bureau of Ordnance Pamphlet. |
| NAVIGATION.....   | 3                        | Theory and practice of navigation.   | Muir's Navigation and Compass Deviations.<br>Bowditch's American Practical Navigator.<br>Nautical Almanac.*<br>Azimuth Tables.*   |
| MARINE ENGINEERING AND<br>NAVAL CONSTRUCTION.   | 2                        | Turbines.....  | Reed's Turbines Applied to Marine Propulsion.   |
| ELECTRICAL ENGINEERING AND<br>PHYSICS.  | 3                        | Dynamo electric machines.<br>The application of electricity to naval purposes.<br>Wiring.....      | Bullard's Naval Electricians' Text-book.<br>Lecture Notes.  |
| ENGLISH.....  | .....                    | Publicspeaking. (Thursday evenings.)   |   |
| MODERN LANGUAGES.....<br>(One-half of the class studies Spanish and the other half French.) | 1                        | Spanish.....   | Zaragüeta, Howland.<br>New Spanish Dictionary, Appleton.*   |
|   | 1                        | French.....  | French Composition, Koren.<br>Heath's French and English Dictionary.*   |
| NAVAL HYGIENE.....  | .....                    | Effects of alcohol and narcotics.<br>First aid to the injured.<br>(14 Friday evening periods.)     | Anatomy, Physiology, and Hygiene,<br>Dr. L. H. Hewes.   |

## FOURTH YEAR—FIRST CLASS—Continued.

## SECOND TERM.

| Departments.  | Periods<br>each<br>week. | Subjects.   | Textbooks.   |
|---|--------------------------|---|--|
| SEAMANSHIP.....   | 4                        | Seamanship.....<br>Military law.....<br>Naval tactics.....<br>Regulations.....  | Knight's Seamanship.<br>Signal Book, U. S. Navy.<br>Forms Procedure, U. S. Navy.<br>U. S. Navy Regulations.<br>Grant's School of the Ship.<br>Lectures on Professional Subjects.                           |
| ORDNANCE AND GUNNERY.....   | 3                        | Mines and torpedoes ....<br>Gunnery.....<br>Fire control.....   | Bureau of Ordnance Pamphlets.<br>Official publications.<br>Official publications.  |
| NAVIGATION.....   | 3                        | Theory of compass devi-<br>ations.<br>Surveying.....<br>Practical navigation.....   | Muir's Navigation and Compass De-<br>viations.<br>Logan's Marine Surveying.<br>Practical Manual of the Compass.<br>Bowditch's American Practical Nav-<br>igator.<br>Nautical Almanac.*<br>Azimuth Tables.* |
| MARINE ENGINEERING AND<br>NAVAL CONSTRUCTION.   | 3                        | Naval construction.....   | Robinson's Naval Construction.<br>Holmes's Experimental Engineering.   |
| ELECTRICAL ENGINEERING AND<br>PHYSICS.  | 3                        | Faults of dynamos and<br>motors.<br>Elementary study of al-<br>ternating currents.<br>A. C. machines and in-<br>struments.<br>Electrical devices and<br>instruments.<br>Radio telegraphy. | Bullard's Naval Electrician's Text-<br>book.<br>Robinson's Manual of Wireless<br>Telegraphy.<br>Elements of Electrical Engineering,<br>Alternating Currents, Franklin &<br>Esty.                           |
| ENGLISH.....  |                          | Public speaking.<br>(Thursday evenings.)  |  |
| MODERN LANGUAGES.....<br>(One-half of the class studies<br>Spanish and the other half<br>French.) | <sup>1</sup> 1           | Spanish.....  | Zaragüeta, Howland.<br>Spanish Nautical Phrase Book and<br>Reader.<br>New Spanish Dictionary, Appleton.*   |
|   | <sup>1</sup> 1           | French.....   | French Composition, Koren.<br>French Nautical Phrase Book and<br>Reader.<br>Heath's French and English Dic-<br>tionary.*   |

<sup>1</sup> Friday evening period.

Table of coefficients, 1915-16.

| Departments.                               | Fourth class. |              | Third class. |              | Second class. |              | First class. |              | Sum. | Total. |
|--|---------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|------|--------|
| EFFICIENCY.....                            | 0             |              | 1            |              | 5             |              | 8            |              | 14   | 80     |
| PRACTICE CRUISE.....                       | 0             |              | 1            |              | 2             |              | 3            |              | 6    |        |
|  | First term.   | Second term. | First term.  | Second term. | First term.   | Second term. | First term.  | Second term. |      |        |
| SEAMANSHIP.....                            |               |              |              |              |               |              | 6            | 9            | 15   | 60     |
| ORDNANCE.....                              |               |              |              |              | 3             |              | 8            | 7            | 18   |        |
| NAVIGATION.....                            |               |              |              |              | 9             |              | 6            | 7            | 22   | 88     |
| MARINE ENGINEERING AND NAVAL CONSTRUCTION. | 2             | 2            | 3            | 4            | 6             | 8            | 4            | 6            | 35   | 140    |
| MATHEMATICS AND MECHANICS.....             | 3             | 4            | 5            | 6            | 8             |              |              |              | 26   | 104    |
| ELECTRICAL ENGINEERING AND PHYSICS.....    |               |              | 5            | 4            | 5             | 6            | 6            | 6            | 32   | 128    |
| ENGLISH.....                               | 2             | 3            | 2            | 3            | 3             |              |              |              | 13   | 52     |
| LANGUAGES.....                             | 2             | 2            | 3            | 3            | 3             | 2            | 2            | 1            | 18   | 72     |
| HYGIENE.....                               |               |              |              |              |               |              | 1            |              | 1    | 4      |
|  | 20            |              | 40           |              | 60            |              | 80           |              | 200  | 800    |

NOTE.—Deductions from multiple for demerits shall be as given in article 178 (amended) Naval Academy Regulations, 1911.

*Assignment of time.*

| Departments.                                   | First class. |              | Second class. |              | Third class. |              | Fourth class. |              | No. of periods. |
|--|--------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|-----------------|
|  | First term.  | Second term. | First term.   | Second term. | First term.  | Second term. | First term.   | Second term. |                 |
| Seamanship.....                                | 3            | 4            |               |              |              |              |               |              | 7               |
| Ordnance and gunnery.....                      | 4            | 3            |               | 2            |              |              |               |              | 9               |
| Navigation.....                                | 3            | 3            |               | 5            |              |              |               |              | 11              |
| Marine engineering and naval construction..... | 2            | 3            | 4             | 5            | 3            | 3            | 3             | 3            | 26              |
| Mathematics and mechanics.....                 |              |              | 5             |              | 5            | 5            | 6             | 6            | 27              |
| Electrical engineering and physics.....        | 3            | 3            | 3             | 3            | 3x           | 4            |               |              | 19+x            |
| English.....                                   |              |              | 2             |              | 2            | 2            | 4             | 4            | 14              |
| Modern languages.....                          | 1            | x            | 2             | 1            | 3            | 2            | 3             | 3            | 15+x            |
| Hygiene.....                                   | x            |              |               |              |              |              |               |              | x               |

x Friday evenings.

*Program of recitation, 1915-16.*

## FIRST TERM.

| Departments.                                   | First class. |          |            |           |         |           | Second class. |          |            |           |         |           | Third class. |          |            |           |         |           | Fourth class. |          |            |           |         |           | Periods. |
|--|--------------|----------|------------|-----------|---------|-----------|---------------|----------|------------|-----------|---------|-----------|--------------|----------|------------|-----------|---------|-----------|---------------|----------|------------|-----------|---------|-----------|----------|
|  | Monday.      | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. | Monday.       | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. | Monday.      | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. | Monday.       | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |          |
| Seamanship.....                                | 3            | 2        | 1          |           |         |           |               |          |            |           |         |           |              |          |            |           |         |           |               |          |            |           |         |           | 3        |
| Ordnance.....                                  |              | 3        | 3          | 3         | 1       |           |               |          |            |           |         |           |              |          |            |           |         |           |               |          |            |           |         |           | 4        |
| Navigation.....                                | 2            |          |            |           | 3       | 1         |               |          |            |           |         |           |              |          |            |           |         |           |               |          |            |           |         |           | 3        |
| Marine engineering and naval construction..... | 1            | 1        |            |           |         |           | 2             | 2        | 2          | 2         | 2       |           |              | 3        | 3          |           |         |           | 1             |          |            | 3         | 3       | 3         | 12       |
| Mathematics and mechanics.....                 |              |          |            |           |         |           | 1             | 1        | 1          | 1         | 1       |           |              | 2        | 2          | 2         | 2       | 2         | 1             | 1        | 1          | 1         | 1       | 1         | 16       |
| Electrical engineering and physics.....        |              |          | 2          | 2         | 2       |           | 2             | 3        | 3          |           |         |           |              | 1        | 1          | 1         | 1       | 1         |               |          |            |           |         |           | 9+x      |
| English.....                                   |              |          |            |           |         |           |               |          |            |           | 3       | 3         |              | 1        | 1          |           |         |           | 3             | 3        | 2          | 2         |         |           | 8        |
| Languages.....                                 |              |          |            | 1         |         |           | 3             |          |            |           |         | 1         |              |          |            |           |         |           | 2             | 2        |            |           |         |           | 9        |
| Hygiene.....                                   |              |          |            |           | x       |           |               |          |            |           |         |           |              |          |            |           |         |           |               |          |            |           |         |           | x        |

## SECOND TERM.

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| Seamanship.....                                | 3 | 3 | 3 | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4   |
| Ordnance.....                                  |   | 2 | 2 | 3 |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   | 5   |
| Navigation.....                                |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |   |   |   |   |   |   |   |   |   | 8   |
| Marine engineering and naval construction..... | 2 | 2 |   | 2 |   |   | 3 | 3 | 3 | 3 |   | 1 |   |   | 2 | 2 | 1 | 1 | 1 | 14  |
| Mathematics and mechanics.....                 |   |   |   |   |   |   |   |   |   |   | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 11  |
| Electrical engineering and physics.....        | 1 | 1 | 1 |   |   |   | 2 | 2 | 2 |   | 3 | 3 |   | 3 | 3 |   |   |   |   | 10  |
| English.....                                   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   | 1 | 1 | 3 | 3 | 6   |
| Languages.....                                 |   |   |   |   | x |   |   |   | 1 |   |   |   |   | 2 | 3 | 3 | 3 |   |   | 6+x |

x Friday evenings.

## PRACTICAL INSTRUCTION OF MIDSHIPMEN.

## EXECUTIVE.

Infantry, schools of the squad, company, battalion, in close and extended order; regimental drills; artillery; setting-up and bayonet exercises.

## SEAMANSHIP.

Knotting and splicing; compass and lead line; ship nomenclature; cutting and fitting hemp rigging; cutting and fitting wire rigging; rowing, and the management of boats under oars and under sail; sailmaking; making up, bending, unbending, and handling sails; getting under way and anchoring; signaling—wigwag, semaphore, night, general, telegraphic, boat, and international; management of steam launches, steam fleet tactics with steam launches, and the practical handling of tugboats; use of sounding machine; securing boats for sea; mooring and clearing hawse; sail drill; handling heavy weights; steering a ship under way; war-game board.

## ORDNANCE.

Target practice with small arms; handling and firing torpedoes; the preparation, inspection, care, and preservation of ordnance material; gun drill, loading drill, sight setting drill, bore sighting; mines; spotting, plotting, tracking, range finding, fire control, and instruments used therefor.‡

## NAVIGATION.

The practical work in this department continues throughout the academic year, certain midshipmen being employed during each period assigned to this department at work in the section room, at compass work in the model room, by divisions or in field work with the various navigational and surveying instruments. The character of the work may be outlined under the following heads:

*Navigation.*—Practical work with charts, including a study of the information and tidal data given on them; laying off courses and measuring distances on different projections; transferring great-circle routes from great-circle charts to mercator charts, different methods of plotting positions and laying down “Sumner lines,” and the general uses of “Sumner lines”; pilotage and chart work into and out of the principal harbors on the coasts of the United States and when coasting; use of soundings and contour lines, especially in a fog; correction of charts and publications from information furnished by “Notices to Mariners.” Adjusting a sextant and a stadimeter; observations with sextant and artificial horizon for time, longitude, chronometer error, latitude, and azimuth. Winding and comparing chronometers and methods of keeping records of same on board ship. Rating chronometers by time signals.

*Compass deviations.*—Swinging a model ship and obtaining deviations of the compass, compensation of the compass, using a Navy binnacle, Type VI. Compass tests and observations with magnetic instruments.

*Surveying.*—Adjustment of and field work with theodolite and plane table. Base line measurement.

*Work afloat.*—Throughout the summer practice cruises the midshipmen are required, under the supervision of an officer from the Naval Academy, to perform all the general duties of a navigator, with particular reference to the adjustment and use of the navigational instruments on board, to practical pilotage, and at sea, to the determination of the ship's position by observation.

## MARINE ENGINEERING AND NAVAL CONSTRUCTION.

*Shopwork.*—The pattern shop: Selection and treatment of different woods for different purposes; elementary work of the carpenter shop, through mortising, joining, etc., to finish pattern work.

The foundry: Iron and brass casting; the making of bronzes, alloys, etc.

The blacksmith shop: Forging, welding, etc.; tempering, casehardening, etc.; bending and quenching tests of metals, etc.

The boiler shop: Riveting, soft and hard patching, calking, annealing, tube expanding; testing, etc.

The coppersmith shop: Soldering, hard and soft; sweating patch on a copper pipe; making copper pipe; putting flanges on a pipe; use of oil furnace and oil heater.

The machine shop: Vise bench work; machine tool work, including the setting of work; turning; planing; boring; slotting; pipe fitting; use of working drawings.

*Ship work.*—Management of main and auxiliary engines; fireroom and engine-room routine, firing, water tending, and oiling; management of engines while maneuvering at sea; determining the condition and locating defects in machinery while in motion; lying under banked fires; coming to anchor; overhauling machinery; cleaning boilers and condensers, etc.

*Miscellaneous.*—Use of slide rule, averaging machine, apparatus for testing oils and smoke gases; standardizing steam gauges and indicators; boiler test; use of pyrometers; running of explosive engines; torsion meter; steam turbines; pneumatic and hydraulic machinery; water meters; weir; traps; ice machines, air and carbonic anhydride, power measuring, by indicator and dynamometer; metal and cement testing; fuel and steam calorimeter tests; fireroom timing device; distilling plant; pulsometer; hydraulic pumps and rams; air compressors, Rand and Westinghouse; engine governors; long-arm doors; steering and anchor engines; docking ships, graving and float-ing docks.

## ELECTRICAL ENGINEERING AND PHYSICS.

Dip circle, magnetic fields; induced currents; measuring resistance by different methods; divided circuits, fall of potential; use and calibration of different measuring instruments supplied to ships; setting up and operating of primary and secondary batteries; operation of searchlights and control mechanism, arc and mercury vapor lamps; telephones and all other electrical interior communication apparatus supplied to naval vessels; operation and measuring efficiencies of dynamos and motors, devices for motor control, manipulation of switchboard; operation of electrical machinery supplied to naval vessels, including all turret-turning systems, gun elevating, ammunition hoist, and rammer equipment, forced-draft blower, etc.; testing for and locating faults and grounds; measuring insulation resistance of electric plant; elementary study of inductance and capacity in alternating-current circuit; alternating-current dynamos, motors, and transformers; radiotelegraphy apparatus and practice in use of the code.

Experimental work in the chemical and physical laboratories, illustrating and supplementing the classroom instruction.

## PHYSICAL TRAINING.

Class drills in calisthenics, free movements and with apparatus.

Special exercises to promote symmetrical development when necessary. Athletic exercises, including boxing and swimming. Dancing.

*Assignment of drill periods during October, November, April, and May.*

| Department.     | First Battalion. |               |              |               | Second Battalion. |               |              |               | Third Battalion. |               |              |               | Fourth Battalion. |               |              |               |
|-----------------|------------------|---------------|--------------|---------------|-------------------|---------------|--------------|---------------|------------------|---------------|--------------|---------------|-------------------|---------------|--------------|---------------|
|                 | First class.     | Second class. | Third class. | Fourth class. | First class.      | Second class. | Third class. | Fourth class. | First class.     | Second class. | Third class. | Fourth class. | First class.      | Second class. | Third class. | Fourth class. |
| Executive.....  | 28               | 28            | 28           | 28            | 28                | 28            | 28           | 28            | 28               | 28            | 28           | 28            | 28                | 28            | 28           | 28            |
| Seamanship..... | 16               | 16            | 16           | 16            | 16                | 16            | 16           | 16            | 16               | 16            | 16           | 16            | 16                | 16            | 16           | 16            |
| Ordnance.....   | 12               | 16            | 12           | 4             | 12                | 16            | 12           | 4             | 12               | 16            | 12           | 4             | 12                | 16            | 12           | 4             |
| Navigation..... | 4                | .....         | .....        | .....         | 4                 | .....         | .....        | .....         | 4                | .....         | .....        | .....         | 4                 | .....         | .....        | .....         |
| Gymnasium.....  | .....            | .....         | 4            | 12            | .....             | .....         | 4            | 12            | .....            | .....         | 4            | 12            | .....             | .....         | 4            | 12            |

*Assignment of drill periods during December, January, February, and March.*

| Department.                 | First Battalion. |               |              |               | Second Battalion. |               |              |               | Third Battalion. |               |              |               | Fourth Battalion. |               |              |               |
|-----------------------------|------------------|---------------|--------------|---------------|-------------------|---------------|--------------|---------------|------------------|---------------|--------------|---------------|-------------------|---------------|--------------|---------------|
|                             | First class.     | Second class. | Third class. | Fourth class. | First class.      | Second class. | Third class. | Fourth class. | First class.     | Second class. | Third class. | Fourth class. | First class.      | Second class. | Third class. | Fourth class. |
| Executive.....              | 3                | 9             | 12           | 16            | 3                 | 9             | 12           | 16            | 3                | 9             | 12           | 16            | 3                 | 9             | 12           | 16            |
| Seamanship.....             | 0                | 6             | 9            | 16            | 0                 | 6             | 9            | 16            | 0                | 6             | 9            | 16            | 0                 | 6             | 9            | 16            |
| Ordnance.....               | 12               | 6             | 3            | .....         | 12                | 6             | 3            | .....         | 12               | 6             | 3            | .....         | 12                | 6             | 3            | .....         |
| Marine engineering.....     | 24               | 24            | 24           | .....         | 24                | 24            | 24           | .....         | 24               | 24            | 24           | .....         | 24                | 24            | 24           | .....         |
| Electrical engineering..... | 9                | 3             | .....        | .....         | 9                 | 3             | .....        | .....         | 9                | 3             | .....        | .....         | 9                 | 3             | .....        | .....         |
| Gymnasium.....              | 16               | 16            | 16           | 16            | 16                | 16            | 16           | 16            | 16               | 16            | 16           | 16            | 16                | 16            | 16           | 16            |
| Dancing.....                | .....            | .....         | .....        | 16            | .....             | .....         | .....        | 16            | .....            | .....         | .....        | 16            | .....             | .....         | .....        | 16            |

There will be a general exercise at "fire quarters" once in each month.

The drill on Thursday during the entire year will be athletics.

During the weeks of practical instruction commencing Nov. 26, 1915, and ending Mar. 28, 1916, on Mondays of each week the first class will have gymnasium work, on Tuesdays the second class, and on Fridays the third class.

The drills to be held after completion of the annual examinations will be specially prescribed.

*Routine of exercises for fourth class commencing June 7, 1915.*

| Day.      | Co. | First period, 8 to 9.30. | Second period, 10 to 11.30. | Third period, 1.30 to 3.       | Fourth period, 3.30 to 4.45. | Fifth period, 8 to 9.                         |
|-----------|-----|--------------------------|-----------------------------|--------------------------------|------------------------------|---|
| Monday    | 1   | Rifle range.....         | Rifle range.....            | Marine engineering.....        | Gymnasium.....               | {Regulations, Recreation<br>Hall.             |
|           | 2   | do.....                  | do.....                     | do.....                        |                              |   |
|           | 3   | Infantry.....            | Seamanship.....             | Seamanship.....                |                              |   |
|           | 4   | do.....                  | Swimming.....               | do.....                        |                              |   |
| Tuesday   | 1   | Infantry.....            | Seamanship.....             | Marine engineering.....        | Gymnasium.....               | English.                                      |
|           | 2   | do.....                  | Swimming.....               | do.....                        |                              |   |
|           | 3   | Rifle range.....         | Rifle range.....            | Seamanship.....                |                              |   |
|           | 4   | do.....                  | do.....                     | do.....                        |                              |   |
| Wednesday | 1   | Rifle range.....         | Rifle range.....            | {Reading in room or library..  | Recreation and athletics.... | Entertainment.                                |
|           | 2   | do.....                  | do.....                     |                                |                              |   |
|           | 3   | Infantry.....            | Swimming.....               |                                |                              |   |
|           | 4   | do.....                  | Seamanship.....             |                                |                              |   |
| Thursday  | 1   | Infantry.....            | Swimming.....               | Seamanship.....                | Gymnasium.....               | English.                                      |
|           | 2   | do.....                  | Seamanship.....             | do.....                        |                              |   |
|           | 3   | Rifle range.....         | Rifle range.....            | Marine engineering.....        |                              |   |
|           | 4   | do.....                  | do.....                     | do.....                        |                              |   |
| Friday    | 1   | Seamanship.....          | Swimming.....               | {Reading in room or library..  | Gymnasium.....               | {Lecture by chaplain or mod-<br>ical officer. |
|           | 2   | do.....                  | do.....                     |                                |                              |   |
|           | 3   | Marine engineering.....  | Seamanship.....             |                                |                              |   |
|           | 4   | do.....                  | do.....                     |                                |                              |   |
| Saturday  | 1   | Infantry.....            | Seamanship.....             | {Recreation and athletics..... |                              | Musical concert.                              |
|           | 2   | do.....                  | do.....                     |                                |                              |   |
|           | 3   | do.....                  | Swimming.....               |                                |                              |   |
|           | 4   | do.....                  | do.....                     |                                |                              |   |

Third period seamanship, "Boats under sail."

*Routine of exercises for fourth class, commencing Wednesday, Sept. 1, 1915.*

| Day.           | Co.              | First period, 8 to 9.30. | Second period, 10 to 12. | Third period, 1.30 to 3.15.                                | Fourth period, 3.40 to 5.  | Fifth period, 8 to 9.30. |
|----------------|------------------|--------------------------|--------------------------|--|--|--------------------------|
| Monday.....    | 1<br>2<br>3<br>4 | Infantry.....            | Modern languages.....    | Practical work, marine engineering and naval construction. | Gymnasium.....   | Study languages.         |
| Tuesday.....   | 1<br>2<br>3<br>4 | Boats.....               | Modern languages.....    | Practical work, marine engineering and naval construction. | Gymnasium.....   | Study languages.         |
| Wednesday..... | 1<br>2<br>3<br>4 | Infantry.....            | Modern languages.....    | English.....   | Recreation and athletics; extra swimming for unqualified swimmers. | Study languages.         |
| Thursday.....  | 1<br>2<br>3<br>4 | Boats.....               | Modern languages.....    | Practical work, marine engineering and naval construction. | Gymnasium.....   | Study languages.         |
| Friday.....    | 1<br>2<br>3<br>4 | Boats.....               | Modern languages.....    | Practical work, marine engineering and naval construction. | Gymnasium.....   | English.                 |
| Saturday.....  | 1<br>2<br>3<br>4 | Infantry.....            | Boats.....               | Recreation.....  | Recreation.....  | Music in auditorium.     |
| Sunday.....    | 1<br>2<br>3<br>4 | .....                    | .....                    | .....  | .....  | Study languages.         |

Second period, modern languages, half of class recite first hour, 10 a. m. to 11 a. m.; other half recite second hour, 11 a. m. to 12 m.

*Routine of exercises for the first, second, and third classes retained at the Academy during the summer. July 14, 1915.*

| Day.      | Class. | First period, 8 to 9.30.            | Second period, 10 to 11.30.                | Third period, 1.30 to 3.     | Fourth period, 3.30 to 4.45.   | Fifth period, 8 to 9.                     |
|-----------|--------|-------------------------------------|--|------------------------------|--------------------------------|---|
| Monday    | 1      | Navigation.....                     | Marine engineering and naval construction. | Gymnasium, all three classes | Seamanship, all three classes. | Study.<br>Navigation<br>Seamanship, etc.  |
|           | 2      | Rifle range.....                    | Rifle range.....                           |                              |                                |   |
|           | 3      | do.....                             | do.....                                    |                              |                                |   |
| Tuesday   | 1      | Navigation.....                     | Marine engineering and naval construction. | Gymnasium, all three classes | Seamanship, all three classes. | Study.<br>Navigation.<br>Seamanship, etc. |
|           | 2      | Rifle range.....                    | Rifle range.....                           |                              |                                |   |
|           | 3      | do.....                             | do.....                                    |                              |                                |   |
| Wednesday | 1      | Navigation.....                     | Marine engineering and naval construction. | Gymnasium, all three classes | Recreation.....                | Study.<br>Navigation.<br>Seamanship, etc. |
|           | 2      | Electrical engineering and physics. | do.....                                    |                              |                                |   |
|           | 3      | Rifle range.....                    | Rifle range.....                           |                              |                                |   |
| Thursday  | 1      | Navigation.....                     | Marine engineering and naval construction. | Gymnasium, all three classes | Seamanship, all three classes. | Study.<br>Navigation.<br>Seamanship, etc. |
|           | 2      | Electrical engineering and physics. | do.....                                    |                              |                                |   |
|           | 3      | do.....                             | do.....                                    |                              |                                |   |
| Friday    | 1      | Electrical engineering and physics. | Ordnance.....                              | Gymnasium, all three classes | Seamanship, all three classes. | Study.<br>Navigation.<br>Seamanship, etc. |
|           | 2      | Navigation.....                     | Marine engineering and naval construction. |                              |                                |   |
|           | 3      | Electrical engineering and physics. | do.....                                    |                              |                                |   |
| Saturday  | 1      | Electrical engineering and physics. | Ordnance.....                              | Recreation.....              | Recreation.....                | Recreation.....                           |
|           | 2      | Navigation.....                     | Marine engineering and naval construction. |                              |                                |   |
|           | 3      | Electrical engineering and physics. | do.....                                    |                              |                                |   |



## CLASS OF 1871 PRIZE.

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The members of the class graduated from the United States Naval Academy in 1871, desiring in a permanent way to "Emphasize and record their loyalty to the Government, their affection for their alma mater, and their regard for the naval service," subscribed in 1904 a certain sum of money to be known as the "Class fund of 1871, United States Naval Academy," which fund was transferred by duly authorized and executed deed of gift to trustees. This deed of gift is recorded in the office of the recorder of deeds, District of Columbia, and copies of it are filed in the offices of the Secretary of the Navy and of the Superintendent of the Naval Academy.

By the terms of the deed of gift the income of this fund shall be employed for the purchase each year of a prize to be known as the "Class of 1871 prize," to consist of a suitable Navy dress sword and knot, to be presented to "that midshipman of each graduating class of the United States Naval Academy who has completed the prescribed course, and who shall be considered by the superintendent, the commandant of midshipmen, and the head of the department of ordnance and gunnery as the most proficient in practical and theoretical ordnance and gunnery."

"This prize is to be accompanied by an appropriately engraved letter containing the names of the donors and setting forth the purpose of the gift, and expressing the hope of the class of 1871 that the encouragement thus offered by old class members, both in and out of the service, to younger ones, will serve to increase the interest already existing among the midshipmen in an important professional science and art."

The "Class of 1871 prize" has been awarded as follows:

- 1905, to Midshipman Royal Eason Ingersoll.
- 1906, to Midshipman William Alexander Glassford, jr.
- 1907, to Midshipman Arthur William Frank.
- 1908, to Midshipman Eugene Edward Wilson.
- 1909, to Midshipman William Ward Smith.
- 1910, to Midshipman Follett Bradley, jr.
- 1911, to Midshipman Frederick Southard Hatch.
- 1912, to Midshipman Harold Eugene Saunders.
- 1913, to Midshipman William Henry Purnell Blandy.
- 1914, to Midshipman Noel Davis.
- 1915, to Midshipman Richard Ranney Adams.



## PRIZES AWARDED DURING ACADEMIC YEAR 1914-15.

### PRESENTED BY THE UNITED STATES NAVAL ACADEMY FOR GENERAL EXCELLENCE IN TARGET PRACTICE.

Gold medal, small arms, Midshipman A. B. Root, class of 1916; silver medal, small arms, Midshipman S. E. Dudley, class of 1916; bronze medal, small arms, Midshipman G. D. Davidson, class of 1916.

Midshipmen who qualified as sharpshooters and expert riflemen and were recommended for medal, date plate, or expert bar:

| Name.                    | Class. | Recommendation, 1914.                              |
|--------------------------|--------|--|
| Pennoyer, F. W., jr..... | 1      | Expert rifleman's bar, pistol bar, and date plate. |
| Umsted, S.....           | 1      | Expert rifleman's bar and date plate.              |
| Parkinson, R. M.....     | 1      | Do.  |
| Root, A. B.....          | 2      | Do.  |
| Feineman, W. W.....      | 2      | Do.  |
| Cauldwell, O. R.....     | 2      | Do.  |
| Williams, J. E.....      | 2      | Do.  |
| Clark, V. O.....         | 3      | Do.  |
| Dudley, S. E.....        | 2      | Expert rifleman's bar and sharpshooter's medal.    |
| Burwell, R. O. B.....    | 1      | Sharpshooters' medal.                              |
| Maher, J. E.....         | 1      | Do.  |
| Morgan, G.....           | 2      | Do.  |

The following midshipmen of the fourth class were recommended for sharpshooters' medals:

|                      |                       |                    |
|----------------------|-----------------------|--------------------|
| Wade, W. G.          | Svee, W. F.           | Marley, A. S., jr. |
| Whitfield, W. J.     | Armstrong, R. F.      | Walker, T. F. C.   |
| Page, A. H.          | Barringer, V. C., jr. | Ballentine, J. J.  |
| Wright, J.           | Burke, T. G.          | Sherwood, G. B.    |
| Leemeyer, H. C., jr. | Clifford, L. E.       | Alvis, J. D.       |
| Mintzer, L. M.       | Domer, W. D. I.       | Kalbfus, G. R.     |
| Whittaker, H. R.     | Fowler, J. W.         | Whitten, R. T.     |
| Seligman, M. T.      | Halland, H. E.        | Wilson, J. D.      |
| Wilcock, W. C.       | Jacobs, M. A.         | Rowe, G.           |
| Cuddihy, G. T.       | Bieseemeier, H.       | Taylor, W. L.      |

The names of the following midshipmen have been engraved on the cup presented by the General Society, Sons of the Revolution, April 19, 1905, to the brigade of midshipmen of the United States Naval Academy as a trophy on which to inscribe each year the name of the midshipman who shall be determined as the most proficient in great-gun target practice or practical ordnance and gunnery:

1905, Midshipman Halford Robert Greenlee, United States Navy.

1906, Midshipman Herbert Justice French, United States Navy.

1907, Midshipman Carl Townsend Osburn, United States Navy.

- 1908, Midshipman Willis Augustus Lee, jr., United States Navy.
- 1909, Midshipman Harold Travis Smith, United States Navy.
- 1910, Midshipman Herbert Otto Roesch, United States Navy.
- 1911, Midshipman Oscar Charles Badger, United States Navy.
- 1912, Midshipman Harold Eugene Saunders, United States Navy.
- 1913, Midshipman William Henry Purnell Blandy, United States Navy.
- 1914, Midshipman Edward Lull Cochrane, United States Navy.
- 1915, Midshipman John Semer Farnsworth, United States Navy.

The races for the Lysistrata cup were held on July 29, 1915, in the harbor of San Diego, Cal., between the midshipmen crews from the U. S. S. *Missouri*, the U. S. S. *Wisconsin*, and the U. S. S. *Ohio*. The races were won by the crews from the U. S. S. *Wisconsin*.

The cup presented by the National Society, Daughters of the American Revolution, for excellence in seamanship and international law, was awarded to Midshipman Lynde Dupuy McCormick, class of 1915.

The navigating sextant presented by Col. Robert M. Thompson for excellence in practical and theoretical navigation was awarded to Midshipman Lynde Dupuy McCormick, class of 1915.

The medal presented by the Admiral Trenchard, Section No. 73, Navy League of the United States, for the best original essay on a topic, naval or patriotic in character, by any midshipman under instruction in English, was awarded to Midshipman John Davis Small, class of 1915.

# ATHLETICS.

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## NAVY ATHLETIC ASSOCIATION.

### EXECUTIVE COMMITTEE, 1915-16.

President, commandant of midshipmen, Capt. L. M. Nulton, United States Navy.  
Officer in charge of buildings and grounds, Commander J. R. P. Pringle, United States Navy.

Medical officer in connection with physical training, Passed Asst. Surg. G. C. Heiner, United States Navy.

Athletic officer, Lieut. C. E. Smith, United States Navy (also secretary-treasurer).

Representative for football, Lieut. (Junior Grade) J. H. Ingram

Representative for baseball, Lieut. C. C. Gill, United States Navy.

Representative for boating, Lieut. F. W. Rockwell, United States Navy.

Representative for track, United States Navy (not yet selected).

Representative for gymnasium athletics, Lieut. R. L. Ghormley, United States Navy.

Representative for rifle team, Lieut. A. D. Denny, United States Navy.

Representative for fencing, Lieut. D. C. Patterson, United States Navy.

Representative for basket ball, Lieut. W. F. Halsey.

Representative for other branches of athletics, Lieut. (j. g.) J. R. Beardall, United States Navy.

Representative for Navy Department, Capt. J. S. McKean, United States Navy.

Representative for Navy Department, Lieut. Comd'r H. A. Baldrige, United States Navy.

Representative for Navy Department, Lieut. Leigh Noyes, United States Navy.

## MIDSHIPMEN'S ATHLETIC ASSOCIATION.

President, Midshipman H. B. Broadfoot, class of 1916.

Captain of football team, Midshipman A. C. Miles, class of 1916.

Manager of football team, Midshipman A. T. Emerson, class of 1916.

Captain of baseball team, Midshipman B. J. Rodgers, class of 1916.

Manager of baseball team, Midshipman E. M. Major, class of 1916.

Captain of crew, Midshipman G. C. Klein, class of 1916.

Manager of crew, Midshipman H. K. Lyle, class of 1916.

Captain of track team, Midshipman W. M. Thompson, class of 1916.

Manager of gymnasium teams, Midshipman W. S. Carrington, class of 1916.

Captain of lacrosse team, Midshipman C. T. Durgin, class of 1916.

Captain of fencing team, Midshipman H. J. White, class of 1916.

Captain of rifle team, Midshipman J. E. Williams, class of 1916.

Captain of basket ball team, Midshipman J. Wilkes, class of 1916.

Captain of swimming team, Midshipman W. E. Borden, class of 1916.

Chairman of hop committee, Midshipman C. H. Lyle, class of 1916.

Secretary, Midshipman D. S. Appleton, class of 1917.

Treasurer, Midshipman B. H. Wyatt, class of 1917.

Representative for third class, Midshipman T. F. Remington, class of 1918.

Representative for fourth class, Midshipman E. H. von Heimburg, class of 1919.

## MANAGERS AND CAPTAINS, NOT MEMBERS OF THE EXECUTIVE COMMITTEE, 1915-16.

Manager of track team, Midshipman T. V. Cooper, class of 1916.

Manager of fencing team, Midshipman B. G. Furey, class of 1916.

Manager of basketball team, Midshipman A. D. Mayer, class of 1916.

Manager of lacrosse team, Midshipman T. A. Solberg, class of 1916.

Captain of gymnasium team, Midshipman C. G. Berwind, class of 1916.

Captain of wrestling team, Midshipman H. B. Broadfoot, class of 1916.

Captain of tennis team, Midshipman J. S. Watters, class of 1916.

Manager of tennis team, Midshipman C. T. Joy, class of 1916.

Manager of swimming team, Midshipman J. A. Vincent, class of 1916.

Manager of rifle team, Midshipman A. B. Root, class of 1916.

## PRIZES PRESENTED BY THE NAVY ATHLETIC ASSOCIATION.

The Navy Athletic Association cup was awarded to the ninth company for winning the greatest number of points in athletics during the year, the name of H. O. Tovey, commanding, being engraved thereon. (Table of coefficients on p. 205; standing of companies on p. 206.)

A sword for general excellence in athletics to Midshipman Harvey Edward Overesch, class of 1915.

The name of Richard Ranney Adams, class of 1915, to be engraved on the Thompson trophy cup, being the name of the midshipman declared by the executive committee, Navy Athletic Association, to have done most for the promotion of athletics during the year.

The regimental flag was awarded to the second company, commanded by Midshipman P. T. Glennon, for having scored the greatest number of points in official drills during the year. (Table of coefficients on p. 207; standing of companies on p. 207).

## FOOTBALL.

Captain of team, Midshipman A. C. Miles, class of 1916. Manager, Midshipman A. T. Emerson, class of 1916. Head coach, Lieut. J. H. Ingram, United States Navy.

The yellow "N" was awarded as follows:

*Class of 1915.*—W. D. Alexander, R. W. Bates, F. P. Culbert, L. R. de Roode, H. W. Graf, H. H. Harrison, G. C. Kriner, E. S. McCoach, R. J. Mitchell, H. E. Overesch, B. F. Perry, I. Schlossbach, F. B. Smith.

*Class of 1916.*—H. B. Broadfoot, C. Craig, R. V. A. Failing, H. S. Jones, R. H. Jones, R. N. Kennedy, A. C. Miles.

*Class of 1917.*—H. C. Blodgett, T. W. Harrison, C. O. Ward.

*Class of 1918.*—E. W. Mills.

Yellow class numerals were awarded as follows:

*Class of 1915.*—Class team: T. E. Chandler, P. T. Glennon, I. M. Graham, J. A. Minnis, J. L. McCrea, H. E. Paddock, K. Preston, M. L. Ring, L. B. Scott, G. H. Wood, A. R. Wurtele.

Members of varsity squad: D. W. Armstrong, D. W. Collins, W. A. Hicks, H. L. Vickery, J. P. Brown.

*Class of 1916.*—Class team: B. R. Alexander, G. F. Bogan, M. O. Carson, T. V. Cooper, C. T. Durgin, N. P. Earle, E. L. Ericsson, W. J. Forrestel, H. L. Grosskopf, W. L. Keady, S. G. Mayfield, A. D. Mayer, J. B. Ryan, M. B. Stonestreet, R. E. Webb, J. Wilkes.

Members of varsity squad: W. F. Boyer, J. L. Kenworthy, H. M. Mullinnix, L. R. Vail, A. W. Webb, D. C. Woodward, J. E. Betts, M. A. Kercher.

*Class of 1917.*—Class team: A. B. Brightman, W. C. Calhoun, J. P. Conover, B. Buchalter, J. J. Bartholdi, G. W. Clark, T. B. Gale, C. W. Johnson, C. M. Jones, F. W. Lively, W. M. Reifel, V. J. Moore, J. P. Manton.

Members of varsity squad: L. B. Austin, W. P. O. Clark, C. R. Curr, R. B. Dashiell, H. W. Jackson, W. P. Davis, F. J. Hanafée, W. C. Luth, E. J. Moran.

*Class of 1918.*—Class team: L. H. Blank, H. Bieseimeier, B. V. Eekhout, H. G. Gamble, A. P. Haynes, P. Harrison, E. V. Iverson, D. W. Loomis, W. M. Lockhart, J. S. McReynolds, E. C. Rogers, J. W. Rowe, L. G. Scheck, H. C. Leemeyer, V. P. Vosbury, J. N. Whelan, J. C. Williams, J. D. Wilson, T. F. Remington.

Members of varsity squad: R. F. Armstrong, G. W. Brown, J. H. Duncan, J. W. Fowler, O. H. Holtmann, F. J. Kelly, T. G. Fisher, C. B. White.

## BASEBALL.

Captain of team, Midshipman B. J. Rodgers, class of 1916. Manager, Midshipman E. M. Major, class of 1916. In charge, Lieut. C. C. Gill, United States Navy.

The yellow "N" was awarded as follows: R. R. Adams, 1915; H. A. Fisher, 1915; R. O. Glover, 1915; W. A. Hicks, 1915; A. E. Smith, 1915; A. C. McFall, 1916; B. J. Rodgers, 1916; R. L. Beall, 1917; H. C. Blodgett, 1917; W. C. Calhoun, 1917; T. G. Fisher, 1917; E. J. Moran, 1917.

Class numerals were awarded as follows:

*Class of 1915.*—Class team: R. J. Jondreau, F. C. Huntoon, S. R. Deets, E. V. M. Isaacs, G. C. Kriner, A. H. Howard, S. G. Rockwell, A. E. Glann, A. G. Quynn, I. Chambers, W. J. Nunnally.

Members of varsity squad: E. S. McCoach, F. B. Smith.

*Class of 1916.*—Class team: H. J. Grassie, B. Furey, S. G. Mayfield, P. R. Glutting, S. F. Kalk, W. F. Loventhal, W. J. Forrestel, S. W. Kirtland, C. T. Gilliam, A. C. Rogers, A. J. Selman.

Members of varsity squad: E. C. Fuller, S. A. Hamilton, T. J. Keliher, R. N. Kennedy, C. H. Lyle, E. M. Major.

*Class of 1917.*—Class team: P. W. Lively, J. G. Cronan, C. F. Holden, J. V. Murphy, A. B. Craig, I. N. Kiland, V. J. Moore, W. K. Phillips, W. L. McCarty.

Members of varsity squad: M. J. Connolly, I. Lehrfeld.

*Class of 1918.*—Class team: C. C. Miller, A. S. Marley, W. M. Killian, P. K. Fischler, C. A. L. Sprague, J. N. Whelan, W. E. G. Erskine, S. H. Hurt, R. S. Riggs, R. B. Parker.

Members of varsity squad: G. T. Cuddihy, P. L. Emrich, P. Harrison, C. W. Johnson, D. W. Loomis, J. S. McReynolds, C. B. Momsen, A. P. Moran, G. B. Sherwood, H. E. Thornhill, E. H. Geiselman.

## ROWING.

Captain of crews, Midshipman G. C. Klein, class of 1916. Manager, Midshipman H. K. Lyle, class of 1916. In charge, Lieut. F. W. Rockwell, United States Navy. Coach, Richard Glendon.

The yellow "N" was awarded as follows: H. H. Harrison, 1915; I. Schlossbach, 1915; H. E. Overesch, 1915; H. W. Graf, 1915; F. P. Culbert, 1915; G. C. Klein, 1916; W. P. O. Clark, 1917; C. O. Ward, 1917.

Yellow class numerals for crew were awarded as follows:

*Class of 1915.*—R. M. Farrar, P. M. Rhea.

*Class of 1916.*—N. P. Earle, B. R. Holcombe, A. T. Emerson.

*Class of 1917.*—W. McK. Reifel, H. E. Ely, S. E. Dillon, F. O. Rogers, R. W. Fleming.

*Class of 1918.*—J. K. Jayne, P. M. Thornton, R. C. Alexander, C. W. Weiber, J. D. Alvis, J. W. Rogers, J. W. Fowler, J. W. Paige, J. V. Lawyer, C. W. Styer.

## TRACK AND FIELD.

Captain of track team, Midshipman W. M. Thompson, class of 1916. Manager, Midshipman T. V. Cooper, class of 1916.

Medals were awarded by the Navy Athletic Association for breaking or equalling records as follows:

100 yard dash, D. M. Collins, 1915, 9  $\frac{4}{5}$  seconds.

Pole vault, J. P. Brown, 1915, 11 feet  $7\frac{1}{4}$  inches.

One mile relay, L. S. Lewis, 1915; W. M. Thompson, 1916; W. C. Wade, 1918; D. C. Cook, 1918; 3 minutes 26  $\frac{2}{5}$  seconds.

The medal presented by the Navy Athletic Association for personal excellence on track was awarded to D. M. Collins, 1915.

The medal presented by the Navy Athletic Association to the midshipman of the fourth class who made the greater number of points in the summer track meet of the fourth class was awarded to T. R. Denny, 1918.

The yellow "N" was awarded as follows:

D. M. Collins, 1915; B. F. Perry, 1915; M. J. Walker, 1915; J. P. Brown, 1915; L. S. Lewis, 1915; E. L. Ericsson, 1916; W. M. Thompson, 1916; E. W. Morris, 1917; W. C. Wade, 1918; D. C. Cook, 1918.

Yellow class numerals were awarded as follows:

*Class of 1915.*—W. Winslow, R. W. Clark, C. C. Vickrey, L. R. Moore, D. W. Armstrong, C. E. Lewis, J. H. Sprague, B. W. Chippendale.

*Class of 1916.*—W. R. Price, L. V. Jefferis, G. F. Chapline, A. D. Mayer, T. V. Cooper, M. G. Holmes.

*Class of 1917.*—F. H. Dean, R. G. Tobin, K. C. W. Downey.

*Class of 1918.*—H. E. Halland, C. Withers, T. R. Denny, H. Biese-meier, F. A. Westphal, W. D. I. Domer.

## FENCING.

Captain of team, Midshipman H. J. White, class of 1916. Manager, Midshipman B. G. Furey, class of 1916. In charge, Lieut. D. C. Patterson, United States Navy.

The medals presented by Col. Robert M. Thompson under the auspices of the Navy Athletic Association were awarded as follows:

Foils, championship, gold medal, Midshipman H. J. White, 1916; second, silver medal, P. T. Glennon, 1915; third, bronze medal, L. Doughty, 1917.

Broadswords, silver medal, Midshipman R. De S. Horn, class of 1915.

Canes, silver medal, Midshipman M. T. Kinne, class of 1915.

A silver medal given by the Navy Athletic Association for the championship with dueling swords was won by Midshipman C. G. Halpine, class of 1916.

The yellow "N" was awarded as follows: P. T. Glennon, 1915; M. C. Partello, 1915; R. De S. Horn, 1915; C. De V. Headlee, 1917; H. J. White, 1916.

The yellow "fNt" was awarded to Midshipman De W. Peck, 1915.

## RIFLE.

Captain of team, Midshipman J. E. Williams, class of 1916. Manager, Midshipman A. B. Root, class of 1916. In charge, Lieut. A. D. Denny, United States Navy.

The yellow "rNt" was awarded as follows: S. Umsted, 1915; F. W. Pennoyer, 1915; R. O. B. Burwell, 1915; J. E. Maher, 1915; J. E. Williams, 1916; W. W. Feineman, A. B. Root; S. E. Dudley; V. O. Clark, 1917; A. G. Reeves, 1917; O. E. Grimm, 1918; J. Wright, 1918.

## BASKETBALL.

Captain of team, Midshipman J. Wilkes, 1916. Manager, Midshipman A. D. Mayer, class of 1916. In charge, Lieut. W. F. Halsey, U. S. N.

The yellow "N" was awarded as follows: R. R. Adams, 1915; T. E. Chandler, 1915; H. E. Overesch, 1915; A. E. Smith, 1915; J. Wilkes, 1916.

Class numerals were awarded as follows:

*Class of 1915.*—Class team: A. Barnett, J. H. Chadwick, J. H. Rockwell, A. R. Wurtele, N. Withers.

Members of varsity squad: S. B. Clark, S. P. Jenkins.

*Class of 1916.*—Class team: W. F. Boyer, J. W. Gregory, B. F. Jenkins, F. W. Wead.

Members of varsity squad: J. H. Carson, A. D. Mayer.

*Class of 1917.*—R. R. Byers, R. M. Eaches, T. B. Gale, C. W. Johnson, V. J. Moore, H. B. Sallada.

Members of varsity squad: W. C. Calhoun, P. M. Daab, F. H. Dean.

*Class of 1918.*—D. E. Cummins, H. S. Corbett, W. E. G. Erskine, H. A. Hutchins, J. H. Jacobson, J. T. Wright.

Members of varsity squad: F. M. Byers, H. H. Hungate, W. M. Lockhart.

## LACROSSE.

Captain of team, Midshipman C. T. Durgin, class of 1916. Manager, Midshipman T. A. Solberg, class of 1916. In charge, Lieut. J. R. Beardall, United States Navy.

The yellow "1Nt" was awarded as follows:

*Class of 1915.*—J. M. Manly, S. B. Clark, I. M. Graham, S. P. Jenkins, H. V. Wiley, H. L. Vickery, G. C. Hill, T. E. Chandler, L. B. Scott.

*Class of 1916.*—J. Wilkes, F. W. Wead, J. P. Compton, T. A. Solberg, C. T. Durgin, W. L. Keady.

Yellow class numerals were awarded as follows:

*Class of 1915.*—Class team: H. Bodfish, W. H. Bowman, J. H. Campman, J. H. Chadwick, W. J. Lorenz, W. Nelson, C. F. Osborn, H. E. Paddock, W. P. Portz, J. M. Shoemaker, A. D. Struble, M. T. Kinne.

*Class of 1916.*—Class team: C. E. Braine, H. Schmidt, W. R. Casey, L. F. Brown, R. C. Swink, G. C. Hoover, C. K. Blackburn, F. E. Beatty, J. H. Carson, F. B. Craven, G. F. Chapline.

Members of varsity squad: J. L. Kenworthy, L. K. Swenson.

*Class of 1917.*—A. G. Shepard, S. P. Manton, H. H. Forsheaw, F. S. Crosley, A. A. Bigelow, P. U. Tevis, G. A. Poindexter, E. E. Duval, J. O'D. Richmond, R. E. Keating, H. S. Klein.

Members of varsity squad: K. Dunwoody, P. F. Shortridge, F. L. Worden, E. S. Hurlbut, E. D. King, F. C. Denebrink.

*Class of 1918.*—B. B. Lanier, V. C. Barringer, T. B. Apgar, W. S. Garrett, H. H. Anderson, E. V. Iverson, S. D. A. Cobb.

Members of varsity squad: H. S. Kendall, H. S. Corbett, F. L. Douthit, J. H. Jacobson, V. R. Murphy, H. E. MacLellan.

## GYMNASIUM.

Captain of gymnasium team, Midshipman C. G. Berwind, class of 1916.

Captain of wrestling team, Midshipman H. B. Broadfoot, class of 1916.

Captain of swimming team, Midshipman W. E. Borden, class of 1916.

Manager of gymnasium and wrestling teams, Midshipman W. S. Carrington, class of 1916.

Manager of swimming team, Midshipman J. A. Vincent, class of 1916.

In charge of gymnasium athletics, Lieut. R. L. Ghormley, United States Navy.

Medals were awarded by the Navy Athletic Association as follows:  
General excellence in gymnastics, gold medal, C. G. Berwind, 1916.  
Bronze medals were awarded for:

Wrestling, heavy weight champion, T. W. Harrison, class of 1917.  
Wrestling, light heavy weight champion, C. O. Ward, class of 1917.  
Wrestling, middle weight champion, H. B. Broadfoot, class of 1916.  
Wrestling, welter weight champion, L. B. Hoops, class of 1915.  
Wrestling, light weight champion, B. H. Wyatt, class of 1917.  
Wrestling, special weight champion, V. F. Grant, class of 1917.  
Wrestling, bantam weight champion, W. M. Dillon, class of 1918.  
Swimming champion, R. B. Dashiell, 1917.

The yellow "gNt" was awarded as follows: L. V. Armstrong, 1915; J. D. Small, 1915; A. S. Wotherspoon, 1915; C. G. Berwind, 1916; O. B. Hardison, 1916; R. S. La Motte, 1916; C. H. Lyle, 1916; H. F. Councill, 1917; G. W. Clark, 1917.

The yellow "wNt" was awarded as follows: L. B. Hoops, 1915; E. B. Hough, 1915; H. B. Broadfoot, 1916; E. L. Ericsson, 1916; T. W. Harrison, 1917; C. O. Ward, 1917; B. H. Wyatt, 1917.

The yellow "sNt" was awarded as follows: F. S. Low, 1915; F. G. Richards, 1915; W. E. Borden, 1916; L. Herndon, 1916; L. R. Vail, 1916; E. B. Caldwell, 1917; S. Cook, 1917; R. B. Dashiell, 1917; C. K. Post, 1917; N. Vytlačil, 1917.

#### TENNIS.

Captain of team, Midshipman J. S. Watters, class of 1916. Manager, Midshipman C. T. Joy, class of 1916. In charge, Lieut. (J. G.) J. R. Beardall, United States Navy.

Medals were awarded by the Navy Athletic Association as follows: Singles, bronze medal, M. L. Sperry, 1915; doubles, bronze medals, V. H. Godfrey, 1915, and F. E. Haeberle, 1917.

The yellow "tNt" was awarded as follows: M. L. Sperry, 1915; G. H. Wood, 1915; J. S. Watters, 1916; F. E. Haeberle, 1917; R. L. Randolph, 1917.

#### SOCCER.

In charge, Lieut. (J. G.) J. R. Beardall, United States Navy.

Yellow class numerals for soccer were awarded as follows:

*Class of 1915.*—E. Breed, B. W. Chippendale, M. L. Sperry, W. Winslow, I. M. Graham, L. D. McCormick, T. G. Peyton, T. Shelley, L. B. Scott, W. J. Nunnally, G. C. Kriner, C. F. Osborn, D. M. Dalton, G. C. Hill, H. D. Clarke, A. D. StruLle, F. B. Royal, M. L. Ring.

*Class of 1916.*—M. Cole, W. B. Cowles, L. S. Fiske, W. M. Fechteler, L. F. Safford, H. W. Zirolì, A. C. Geisenhoff, M. B. Stonestreet, C. J. Wheeler, J. P. Compton, E. J. Stoffel, S. F. Kalk, J. B. Ryan, M. M. Alger, W. E. Miller.

*Class of 1917.*—D. S. Appleton, W. T. Brown, J. H. Conyne, D. B. Duncan, E. G. Hagen, A. L. Hutson, C. F. Holden, F. W. Lively, W. G. Ludlow, E. A. Mitchell, R. L. Randolph, G. E. Routier, F. L. Worden, A. A. Bigelow, G. F. Mentz, C. L. Jacobson.

*Class of 1918.*—G. Bannerman, O. R. Bennehoff, T. G. Burke, M. R. Derx, F. L. Douthit, E. J. Kidder, W. M. Killiam, E. F. McCartin, V. R. Murphy, H. A. Rochester.

#### SAILING.

The inter-class prizes presented by Col. Robert M. Thompson, under the auspices of the Navy Athletic Association, were awarded as follows: First prize, pair of binoculars, Midshipman P. W. Warren, 1917; second prize, a monocular, Midshipman N. T. Lawrence, 1916.

## COMPETITION FOR NAVY ATHLETIC ASSOCIATION CUP.

The Navy Athletic Association cup is presented to the regiment of midshipmen to be competed for annually. The company winning the greatest number of points in accordance with the following table will be declared the winner for the academic year, and the number of the company and the name of the company commander will be engraved on the cup.

*Table of points.*

|  | Points. |
|--|---------|
| 1. Tennis:   |         |
| Academy champion (singles).....  | 10      |
| Academy champion (doubles) each.....   | 10      |
| Class champions, each.....   | 5       |
| 2. Gymnastics:   |         |
| First place in each event.....   | 10      |
| 3. Handball:   |         |
| Academy champion (singles).....  | 10      |
| Academy champion (doubles), each.....  | 10      |
| Class champions, each.....   | 5       |
| 4. Wrestling:  |         |
| First place in each weight.....  | 10      |
| 5. Swimming:   |         |
| Academy champion.....  | 20      |
| Class champions, each.....   | 10      |
| 6. Fencing:  |         |
| Foils, Academy champion.....   | 10      |
| Class champions, each.....   | 5       |
| Dueling swords, champion.....  | 5       |
| Broadswords, champion.....   | 10      |
| 7. Field and track:  |         |
| Interclass, outdoor, winner in each event.....   | 10      |
| Winner of medal for all-round excellence.....  | 15      |
| Member of winning relay team.....  | 5       |
| 8. Winner of Thompson binoculars.....  | 10      |
| Winner of Thompson monocular.....  | 5       |
| 9. Winner of Thompson trophy.....  | 20      |
| 10. Winner of Navy Athletic Association sword.....   | 20      |
| 11. Winner of gold medal, small arms.....  | 10      |
| Winner of silver medal, small arms.....  | 5       |
| Winner of bronze medal, small arms.....  | 3       |
| 12. Winner of medal for highest batting average.....   | 10      |
| 13. Winner of medal for kicking, handling, and passing the football.....   | 10      |
| 14. Holder of "N*" or "N cross oar" awarded during the current year.....   | 9       |
| 15. Holder of "N" awarded during the current year.....   | 8       |
| 16. Holder of letter for minor sport, awarded during the current year, provided the individual is not an academy champion for same branch..... | 7       |
| 17. Holder of numerals awarded during the current year for being member of a varsity squad in branches where class games are held.....         | 5       |
| 18. Member of a champion class team in football, baseball, basket ball, lacrosse, soccer, and rowing.....                                      | 5       |

*Intercompany competition for Navy Athletic Association cup, 1914-15.*

| Events.                                   | Points per company. |     |     |     |     |     |     |     |     |     |     |     |
|---|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   | 1                   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| Tennis:                                   |                     |     |     |     |     |     |     |     |     |     |     |     |
| Academy champion (singles).....           |                     |     |     |     |     | 10  |     |     |     |     |     |     |
| Academy champions (doubles).....          |                     |     |     |     |     |     |     |     |     | 20  |     |     |
| Class champions.....                      |                     | 5   |     |     |     | 5   |     | 5   |     | 5   |     |     |
| Gymnastics.....                           |                     | 20  | 15  | 10  |     |     |     |     | 5   | 10  | 10  |     |
| Handball:                                 |                     |     |     |     |     |     |     |     |     |     |     |     |
| Academy champion (singles).....           |                     | 10  |     |     |     |     |     |     |     |     |     |     |
| Academy champions (doubles).....          |                     | 20  |     |     |     |     |     |     |     |     |     |     |
| Class champions.....                      |                     | 10  |     |     |     |     |     |     | 5   |     |     | 5   |
| Wrestling.....                            |                     | 10  | 20  | 10  | 20  |     |     | 10  |     |     |     |     |
| Swimming:                                 |                     |     |     |     |     |     |     |     |     |     |     |     |
| Academy champion.....                     | 20                  |     |     |     |     |     |     |     |     |     |     |     |
| Class champions.....                      | 10                  |     |     |     | 5   | 10  |     |     | 15  |     |     |     |
| Fencing:                                  |                     |     |     |     |     |     |     |     |     |     |     |     |
| Foils champion.....                       |                     |     |     |     |     |     |     |     | 10  |     |     |     |
| Foils class champions.....                |                     | 10  |     |     |     |     |     |     | 5   |     |     | 5   |
| Dueling swords champion.....              | 5                   |     |     |     |     |     |     |     |     |     |     |     |
| Broadswords champion.....                 |                     |     |     | 10  |     |     |     |     |     |     |     |     |
| Track and field:                          |                     |     |     |     |     |     |     |     |     |     |     |     |
| Winners in outdoor interclass meet..      | 40                  | 10  |     |     | 10  |     | 15  |     |     |     | 15  | 20  |
| All-round excellence.....                 | 15                  |     |     |     |     |     |     |     |     |     |     |     |
| Winning relay team.....                   | 5                   |     |     | 5   |     |     |     | 5   |     | 5   |     |     |
| Binoculars.....                           |                     |     |     |     |     | 10  |     |     |     |     |     |     |
| Monocular.....                            |                     |     |     |     |     |     | 5   |     |     |     |     |     |
| Thompson trophy cup.....                  |                     |     |     |     |     |     |     |     |     | 20  |     |     |
| Navy Athletic Association sword.....      |                     |     |     |     |     |     |     | 20  |     |     |     |     |
| Small-arms competition:                   |                     |     |     |     |     |     |     |     |     |     |     |     |
| Gold medal.....                           |                     |     | 10  |     |     |     |     |     |     |     |     |     |
| Silver medal.....                         | 5                   |     |     |     |     |     |     |     |     |     |     |     |
| Bronze medal.....                         |                     |     |     |     |     |     |     |     |     |     |     | 3   |
| Highest batting average.....              |                     |     |     |     |     |     |     |     |     | 10  |     |     |
| Kicking, passing, and handling football.. |                     |     |     |     |     | 10  |     |     |     |     |     |     |
| Major sports "N".....                     | 24                  | 32  | 24  | 24  | 72  | 24  | 40  | 64  | 56  | 72  | 32  | 48  |
| Minor sports "N't".....                   | 35                  | 14  | 42  | 21  | 42  | 14  | 21  | 21  | 63  |     | 28  | 14  |
| Class numerals (varsity squad).....       | 25                  | 20  | 25  | 30  | 25  | 45  | 20  | 40  | 65  | 30  | 30  | 25  |
| Class numerals (champion class team)..... | 30                  | 10  | 30  | 25  | 20  | 20  | 10  | 10  | 30  | 25  | 10  | 15  |
| Total points.....                         | 214                 | 171 | 166 | 135 | 194 | 148 | 111 | 175 | 254 | 197 | 125 | 135 |
| Company standing.....                     | 2                   | 6   | 7   | 9   | 4   | 8   | 12  | 5   | 1   | 3   | 11  | 9   |

## TABLE OF WEIGHTS GOVERNING THE COMPETITION FOR THE BRIGADE FLAG.

The brigade flag shall be awarded to the company that makes the highest total number of points under the rules published herein.

The competition will embrace events with their weights as follows:

|  | Totals. |
|--|---------|
| 1. Infantry drill—First place, 250 points; second place, 125 points; third place, 75 points; to each company of the winning battalion, 25 points.... | 550     |
| 2. Artillery drill—First place, 60 points; second place, 35 points; third place, 15 points; to each company of the winning battalion, 10 points..... | 150     |
| 3. Seamanship—First place, 150 points; second place, 100 points; third place 50 points.....  | 300     |
| 4. Target practice—First place, 150 points; second place, 100 points; third place, 50 points.....  | 300     |
| 5. Sailing:  |         |
| (1) Cutters—First place, 40 points; second place, 25 points; third place, 10 points.....   | 75      |
| (2) Knockabouts—First place, 25 points; second place, 15 points; third place, 5 points.....  | 45      |
| (3) Catboats—First place, 17 points; second place, 10 points; third place, 3 points.....   | 30      |
|  | 150     |
| 6. Rowing cutters—First place, 40 points; second place, 25 points; third place, 10 points.....   | 75      |
| Grand total.....   | 1,525   |

*Intercompany competition for regimental flag.*

| Events.                               | Points per company. |       |       |       |       |       |       |       |       |       |       |       |
|---------------------------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                       | 1                   | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    |
| 1. Infantry drill <sup>1</sup> .....  | .....               | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 2. Artillery drill <sup>1</sup> ..... | .....               | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 3. Seamanship.....                    | .....               | 150   | ..... | ..... | 50    | ..... | ..... | ..... | 100   | ..... | ..... | ..... |
| 4. Target practice.....               | 100                 | 50    | 150   | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 5. Sailing:                           |                     |       |       |       |       |       |       |       |       |       |       |       |
| Cutters.....                          | .....               | ..... | ..... | ..... | ..... | 10    | ..... | ..... | 40    | ..... | 25    | ..... |
| Knockabouts.....                      | .....               | ..... | ..... | ..... | 25    | 15    | ..... | ..... | ..... | ..... | 5     | ..... |
| Catboats.....                         | .....               | ..... | ..... | ..... | 17    | 3     | 10    | ..... | ..... | ..... | ..... | ..... |
| 6. Rowing cutters.....                | .....               | ..... | ..... | ..... | ..... | ..... | 10    | 25    | ..... | ..... | ..... | 40    |
| Total.....                            | 100                 | 200   | 150   | ..... | 92    | 28    | 20    | 25    | 140   | ..... | 30    | 40    |

<sup>1</sup> Cancelled. Inclement weather.

|   | Points. |
|---|---------|
| 1. Second company, commanded by Midshipman P. T. Glennon.....   | 200     |
| 2. Third company, commanded by Midshipman W. A. Hicks.....      | 150     |
| 3. Ninth company, commanded by Midshipman H. O. Tovey.....      | 140     |
| 4. First company, commanded by Midshipman S. Umsted.....        | 100     |
| 5. Fifth company, commanded by Midshipman T. G. Brown.....      | 92      |
| 6. Twelfth company, commanded by Midshipman M. C. Partello..... | 40      |
| 7. Eleventh company, commanded by Midshipman J. L. McCrea.....  | 30      |
| 8. Sixth company, commanded by Midshipman H. Bodfish.....       | 28      |
| 9. Eighth company, commanded by Midshipman C. O. Kell.....      | 25      |
| 10. Seventh company, commanded by Midshipman F. P. Culbert..... | 20      |
| Fourth company, commanded by Midshipman Wm. Nelson.....         | 0       |
| Tenth company, commanded by Midshipman R. O. Glover.....        | 0       |



# ALPHABETICAL LIST OF OFFICERS (NAVAL AND CIVIL) ATTACHED TO THE NAVAL ACADEMY, OCTOBER 1, 1915.

---

Abbott, John S., lieutenant.  
 Alden, Carroll S., instructor.  
 Allen, Burrell C., lieutenant commander.  
 Anderson, Lorain, lieutenant (junior grade).  
 Austin, Charles M., lieutenant.  
 Beardall, John R., lieutenant (junior grade).  
 Beary, Donald B., lieutenant (junior grade).  
 Bennion, Mervyn S., lieutenant (junior grade).  
 Berry, Fred T., lieutenant (junior grade).  
 Best, Charles L., lieutenant (junior grade).  
 Bigger, Warren K., boatswain.  
 Bohmke, Otto, instructor in gymnastics.  
 Bowers, John T., lieutenant commander.  
 Breneman, James E., chief clerk.  
 Brereton, William D., jr., lieutenant (junior grade).  
 Brooks, Eugene K., jr., pay clerk.  
 Brown, Arthur N., professor.  
 Brown, Stuart S., lieutenant (junior grade).  
 Brown, Walter E., lieutenant (junior grade).  
 Bryan, Samuel, pay inspector.  
 Burdick, Harold S., lieutenant (junior grade).  
 Bush, Rufus H., machinist.  
 Calhoun, Guy K., professor of mathematics.  
 Capron, Paul, instructor.  
 Christy, Harley H., commander.  
 Clement, Samuel A., lieutenant (junior grade).  
 Cluverius, Wat T., commander.  
 Colton, Molton A., instructor.  
 Costet, Gaston, professor.

Cox, Robert E., chief gunner.  
 Cusachs, Carlos V., professor of mathematics.  
 Cutts, Elwin F., lieutenant (junior grade).  
 Darrieulat, Frank, assistant swordmaster.  
 Dashiell, Paul J., professor of mathematics.  
 Davidson, Andrew B., passed assistant surgeon.  
 Davidson, Lyal A., lieutenant (junior grade).  
 Davis, Charles C., lieutenant (junior grade).  
 Davis, Leslie C., lieutenant (junior grade).  
 DeMott, Max B., lieutenant (junior grade).  
 Denney, Andrew D., lieutenant (junior grade).  
 desGarennnes, P. Jean, professor.  
 Dickinson, Spencer E., passed assistant paymaster.  
 Doggett, Leonard A., professor.  
 Donald, James, chief gunner.  
 Donavin, Kirkwood H., lieutenant (junior grade).  
 Dougherty, Horace D., boatswain.  
 Downes, John, lieutenant commander.  
 Duval, Richard J., cataloguer.  
 Earle, Ralph, commander.  
 Eberle, Edward W., captain.  
 Edwards, Richard S., lieutenant.  
 Eells, Walter C., instructor.  
 Endel, Solomon, lieutenant (junior grade).  
 Eppes, James B., instructor.  
 Estess, Eddie J., lieutenant (junior grade).  
 Evans, Sydney K., chaplain.  
 Everett, Harold A., professor.

- Farber, William S., lieutenant (junior grade).  
 Fenner, Edward B., lieutenant commander.  
 Fenton, Horace J., instructor.  
 Fernandez, Arturo, professor.  
 Field, James G., medical director.  
 Fletcher, Frank J., lieutenant.  
 Forgas, Harry H., lieutenant (junior grade).  
 Foster, Carol H., instructor.  
 Fournon, Lucien L. R., instructor.
- Gannon, Sinclair, lieutenant commander.  
 Garrison, Daniel M., professor of mathematics.  
 Ghormley, Robert L., lieutenant.  
 Gilhuley, Charles H., chief machinist.  
 Gill, Charles C., lieutenant.  
 Gillette, Claude S., lieutenant (junior grade).  
 Grady, Richard, dental surgeon.  
 Greenslade, John W., lieutenant commander.  
 Greenwell, Clifton, chief carpenter.  
 Guiler, Robert P., lieutenant (junior grade).
- Hall, Angelo, professor.  
 Halligan, John, jr., lieutenant commander.  
 Halsey, William F., jr., lieutenant.  
 Harry, David W., chief machinist.  
 Hayden, Reynolds, passed assistant surgeon.  
 Healy, Thomas D., chief machinist.  
 Heiner, Robert G., passed assistant surgeon.  
 Heintz, George, swordmaster.  
 Henderson, Samuel L., lieutenant (junior grade).  
 Henry, Thomas A., chief pay clerk.  
 Hewitt, Henry K., lieutenant.  
 Hines, John F., commander.  
 Hoey, Granville B., lieutenant (junior grade).  
 Hough, Henry H., commander.  
 Hunter, Donald T., lieutenant (junior grade).
- Iden, John H., Surgeon.  
 Ingram, Jonas H., lieutenant (junior grade).
- Jacobs, Walter F., lieutenant.  
 James, Charles M., lieutenant (junior grade).  
 Jersey, Chester C., lieutenant (junior grade).  
 Johnson, Lee P., lieutenant (junior grade).  
 Johnson, Theodore W., professor mathematics.  
 Johnson, Thomas L., lieutenant commander.  
 Johnson, William W., professor of mathematics.  
 Joyce, James J., boatswain.
- Kadesch, William H., professor.  
 Kauffman, James L., lieutenant (junior grade).  
 Keleher, Timothy J., lieutenant (junior grade).  
 Kenyon, George W., lieutenant.  
 Kindleberger, Charles P., surgeon.  
 King, William J., instructor.  
 Kinkaid, Thomas W., captain.  
 Krafft, Herman F., instructor.  
 Kurtz, Thomas R., lieutenant commander.
- Lacalle, Julian M., instructor.  
 Laguardia, Garibaldi, instructor.  
 Laws, George W., commander.  
 LeBourgeois, Henry B., lieutenant (junior grade).  
 Leiper, Charles L., professor.  
 Lewis, Howard K., lieutenant (junior grade).  
 Lincoln, Gatewood S., commander.  
 Lind, Wallace L., lieutenant (junior grade).  
 Lindley, Leo L., lieutenant (junior grade).  
 Lindsay, Harry B., instructor.  
 Lucas, Chauncey A., lieutenant (junior grade).
- Mack, Cornelius H., acting assistant dental surgeon.  
 Magruder, Peter H., secretary.  
 Mang, Louis H., instructor physical training.  
 Marsh, Francis G., lieutenant (junior grade).  
 Martel, José, instructor.

Martin, John R., pay director.  
 McCormick, Albert M. D., medical director.  
 McNair, Frederick V., lieutenant.  
 Meeleary, Howard B., lieutenant (junior grade).  
 Metcalf, Martin K., lieutenant.  
 Metz, Earle C., lieutenant (junior grade).  
 Meyer, Frederick, chief boatswain.  
 Meyers, George J., lieutenant commander.  
 Moody, Roscoe C., commander.  
 Moore, Warren L., lieutenant (junior grade).  
 Nichols, Newton L., lieutenant (junior grade).  
 Norris, Walter B., instructor.  
 Nulton, Louis M., commander.  
 Olivet, William E., instructor.  
 Osterhaus, Hugo W., lieutenant commander.  
 Parker, Ralph C., lieutenant (junior grade).  
 Patterson, David C., jr., lieutenant (junior grade).  
 Pearson, Joseph F., chief pharmacist.  
 Platt, Comfort B., lieutenant (junior grade).  
 Pownall, Charles A., lieutenant (junior grade).  
 Price, Harry, chief pay clerk.  
 Pringle, Joel R. P., commander.  
 Raby, James J., commander.  
 Rankin, John W., lieutenant (junior grade).  
 Reeves, Isaac S. K., surgeon.  
 Rice, Herbert L., professor of mathematics.  
 Rockwell, Francis W., lieutenant (junior grade).  
 Rogers, Robert E., lieutenant (junior grade).  
 Root, Ralph E., professor.  
 Royall, Hilary H., lieutenant commander.  
 Russell, James G., instructor.  
 Sazama, Frank J., assistant instructor in physical training.  
 Schutz, John, instructor physical training.  
 Seed, Walter D., jr., lieutenant (junior grade).  
 Simpson, Alston R., lieutenant (junior grade).

Smith, Charles E., lieutenant.  
 Smith, William R., lieutenant (junior grade).  
 Smith, William T., lieutenant (junior grade).  
 Spencer, Julian M., assistant librarian.  
 Stevens, William O., professor.  
 Stewart, Ralph R., lieutenant (junior grade).  
 Stuart, Harry A., lieutenant.  
 Symington, Thomas A., lieutenant (junior grade).  
 Terry, Nathaniel M., professor of mathematics.  
 Tod, Elmer W., lieutenant (junior grade).  
 Tribble, George B., passed assistant surgeon.  
 Turner, William W., lieutenant (junior grade).  
 Underwood, Herbert W., lieutenant (junior grade).  
 Van Hook, Clifford E., lieutenant (junior grade).  
 Van Valkenburgh, Franklin, lieutenant (junior grade).  
 Voinot, Paul E., professor.  
 Wade, Thomas H., instructor.  
 Wadleigh, John W., captain, Marine Corps.  
 Wainwright, Dallas B., jr., passed assistant paymaster.  
 Wainwright, Richard, jr., lieutenant.  
 Wallace, Henry G. S., lieutenant commander.  
 Wallen, John W., assistant swordmaster.  
 Washburn, Harold C., instructor.  
 Wellbrock, John H., lieutenant (junior grade).  
 West, Marcus E., pay clerk.  
 Westcott, Allan F., instructor.  
 Whitman, Ralph, assistant civil engineer.  
 Wickham, Williams C., lieutenant (junior grade).  
 Wilcox, George A., chief pay clerk.  
 Will, James B., lieutenant (junior grade).  
 Williams, Richard O., chief gunner.  
 Wood, John W., chief pharmacist.  
 Wygant, Benyaured B., lieutenant commander.  
 Zimmermann, Charles A., leader of band.



# ALPHABETICAL LIST OF MIDSHIPMEN (FOUR CLASSES) ATTACHED TO THE NAVAL ACADEMY, OCTOBER 1, 1915.

| Name and initials.         | Class. | Name and initials.         | Class. |
|----------------------------|--------|----------------------------|--------|
| Adams, A. S. ....          | 4      | Beall, R. L. ....          | 2      |
| Aler, F. V., jr. ....      | 4      | Beatty, F. E., jr. ....    | 1      |
| Alexander, A. B. ....      | 4      | Bell, E. E. ....           | 3      |
| Alexander, B. R. ....      | 1      | Beltz, F. W. ....          | 4      |
| Alexander, R. C. ....      | 3      | Bennehoff, O. R. ....      | 3      |
| Alger, M. M. ....          | 1      | Benson, F. W. ....         | 2      |
| Allen, C. ....             | 4      | Benson, R. B. ....         | 4      |
| Allen, J. K. ....          | 2      | Berkey, R. S. ....         | 4      |
| Allen, J. R. ....          | 4      | Berwind, C. G. ....        | 1      |
| Alvis, J. D. ....          | 3      | Betts, J. E. ....          | 1      |
| Anderson, C. C. ....       | 4      | Biesemeier, H. ....        | 3      |
| Anderson, H. H. ....       | 3      | Bigelow, A. A. ....        | 2      |
| Anderson, H. W. ....       | 2      | Blackburn, C. K. ....      | 1      |
| Anderson, J. P. ....       | 3      | Bledsoe, A. McQ. ....      | 3      |
| Andrews, C. L., jr. ....   | 4      | Blodgett, H. C. ....       | 2      |
| Ansel, W. ....             | 4      | Bloom, J. M. ....          | 1      |
| Apgar, T. B. ....          | 3      | Boehme, P. L. ....         | 2      |
| Appleton, D. S. ....       | 2      | Bogan, G. F. ....          | 1      |
| Armstrong, R. F. ....      | 3      | Boller, R. L. ....         | 4      |
| Atkins, J. G. ....         | 4      | Bolling, A. R. ....        | 3      |
| Austin, L. B. ....         | 2      | Bonney, C. T. ....         | 4      |
| Avery, H. ....             | 2      | Borden, W. E., jr. ....    | 1      |
| Awtrey, R. A. ....         | 1      | Bourne, R. C. ....         | 1      |
|                            |        | Bowman, C. H. ....         | 2      |
| Bacon, W. P. ....          | 1      | Bowman, G. H. ....         | 4      |
| Bagby, L. W. ....          | 1      | Boyer, W. F. ....          | 1      |
| Baggett, H. D. ....        | 4      | Brady, E. E., jr. ....     | 2      |
| Bailey, V. ....            | 3      | Brady, J. H. ....          | 3      |
| Bailey, W. O. ....         | 3      | Braine, C. E., jr. ....    | 1      |
| Bailliere, T. H. G. ....   | 4      | Brantly, N. D. ....        | 4      |
| Baker, C. A. ....          | 1      | Brashears, G. W., jr. .... | 4      |
| Baker, H. O. ....          | 2      | Breed, G. G. ....          | 3      |
| Baldwin, W. O. ....        | 3      | Brewer, S. B. ....         | 2      |
| Ball, W. H. ....           | 2      | Brewington, C. W. ....     | 2      |
| Ballentine, J. J. ....     | 3      | Brewster, G. P., jr. ....  | 1      |
| Bannerman, G. ....         | 3      | Brimmer, H. W. ....        | 4      |
| Barlow, W. S. ....         | 4      | Briscoe, R. P. ....        | 4      |
| Barrett, R. S. ....        | 4      | Brittain, T. B. ....       | 4      |
| Barringer, V. C., jr. .... | 3      | Broadfoot, H. B. ....      | 1      |
| Bartholdi, J. J. ....      | 2      | Brooks, W. A. ....         | 4      |
| Bartlett, S. J. ....       | 2      | Brown, A. D. ....          | 4      |
| Bateman, A. H. ....        | 1      | Brown, G. W. ....          | 4      |
| Baugh, H. V. ....          | 1      | Brown, L. F. ....          | 1      |

| Name and initials.       | Class. | Name and initials.      | Class. |
|--------------------------|--------|-------------------------|--------|
| Browne, D.....           | 2      | Cole, M.....            | 1      |
| Browne, E. B.....        | 3      | Collins, B. F.....      | 4      |
| Browne, W. T.....        | 2      | Collins, R. F.....      | 2      |
| Browning, J. N.....      | 4      | Colton, E. B.....       | 3      |
| Browning, M. R.....      | 3      | Colyear, B. H.....      | 4      |
| Brush, O. G.....         | 3      | Compton, J. P.....      | 1      |
| Bryant, E. H.....        | 4      | Comstock, M.....        | 2      |
| Buchalter, B.....        | 2      | Coney, C. E.....        | 4      |
| Buchalter, J.....        | 4      | Connally, J. M.....     | 3      |
| Bullene, E. F.....       | 3      | Connell, F. B.....      | 3      |
| Bunnell, G. F.....       | 1      | Connolly, M. J.....     | 3      |
| Burhans, A. D.....       | 1      | Conover, J. P., jr..... | 2      |
| Burke, T. G.....         | 3      | Conroy, E. E.....       | 3      |
| Burleigh, A. P.....      | 4      | Conyne, J. H.....       | 2      |
| Busbey, L. W., jr.....   | 3      | Cook, D. C.....         | 3      |
| Busk, W.....             | 3      | Cook, H. P.....         | 4      |
| Byers, F. M.....         | 3      | Cook, S.....            | 2      |
| Byington, M. B., jr..... | 3      | Cooley, T. R., jr.....  | 2      |
|                          |        | Cooley, W. B.....       | 4      |
| Caldwell, E. B.....      | 2      | Coontz, K. L.....       | 2      |
| Calhoun, W. C.....       | 2      | Cooper, L.....          | 1      |
| Callaghan, W. McC.....   | 4      | Cooper, T. V.....       | 1      |
| Camp, C.....             | 4      | Corbett, H. S.....      | 3      |
| Campbell, C.....         | 2      | Cotten, J. L.....       | 3      |
| Canfield, J. P.....      | 4      | Councill, H. F.....     | 2      |
| Carlson, M. O.....       | 1      | Courtney, F. J.....     | 2      |
| Carmine, C. C.....       | 4      | Cowles, W. B.....       | 1      |
| Carney, R. B.....        | 1      | Craig, A. B.....        | 3      |
| Carpenter, D. M.....     | 1      | Craig, C.....           | 1      |
| Carr, T. De W.....       | 1      | Crane, W. S., jr.....   | 3      |
| Carrington, W. S.....    | 1      | Craven, F. B.....       | 1      |
| Carson, J. H.....        | 1      | Crawford, D. S.....     | 4      |
| Carter, G. B.....        | 4      | Crawford, J. G.....     | 4      |
| Casey, J. R.....         | 4      | Crecca, J. D.....       | 3      |
| Casey, W. R.....         | 1      | Creesy, A. E.....       | 2      |
| Cassady, J. H.....       | 4      | Crichton, R. B.....     | 4      |
| Cauldwell, O. R.....     | 1      | Crosley, F. S.....      | 2      |
| Cecil, C. P.....         | 1      | Crowe, J. F.....        | 4      |
| Challenger, H. L.....    | 4      | Cruse, J. R.....        | 2      |
| Chapline, G. F.....      | 1      | Crutcher, R. C.....     | 3      |
| Claghorn, R. R.....      | 1      | Cuddihy, G. T.....      | 3      |
| Clark, D. H.....         | 4      | Cullens, J. W.....      | 4      |
| Clark, G. W.....         | 2      | Cummings, G. C.....     | 2      |
| Clark, H. W.....         | 2      | Cummins, D. E.....      | 3      |
| Clark, J. J.....         | 3      | Curr, C. R.....         | 2      |
| Clark, V. O.....         | 2      | Curran, J. A.....       | 2      |
| Clarke, W. P. O.....     | 2      | Curtis, D.....          | 3      |
| Claude, W. S. B.....     | 2      | Cushman, C. H.....      | 4      |
| Clayton, W. E.....       | 4      | Custer, G. D.....       | 3      |
| Clifford, L. E.....      | 3      |                         |        |
| Cobb, S. D. A.....       | 3      | Daab, P. M.....         | 2      |
| Cochran, P. S.....       | 4      | Dague, B. S.....        | 1      |
| Cochrane, E. F.....      | 1      | Daniel, R. J.....       | 4      |
| Coe, D. W.....           | 2      | Dashiell, R. B.....     | 2      |

| Name and initials.  | Class. | Name and initials.          | Class. |
|---|--------|-----------------------------|--------|
| Davidson, G. D.....   | 1      | Ericsson, E. L.....         | 1      |
| Davis, J. K.....  | 1      | Erskine, W. E. G.....       | 3      |
| Davis, T. H.....  | 3      | Etheredge, G. O.....        | 3      |
| Davis, W. P.....  | 2      | Evans, C. E.....            | 1      |
| Davison, R. E.....  | 1      | Evans, C. V.....            | 4      |
| Day, D. K.....  | 4      | Evans, D. R.....            | 2      |
| Dean, F. H.....   | 2      |                             |        |
| Deans, M. A.....  | 3      | Fahrion, F. G.....          | 2      |
| Dees, R. E.....   | 2      | Failing, K. R.....          | 4      |
| de Kay, R. D.....   | 4      | Failing, R. V. A.....       | 2      |
| Demarest, C., jr.....   | 4      | Fairlamb, G. R., jr.....    | 2      |
| Denebrink, F. C.....  | 2      | Fallon, H. N.....           | 1      |
| Denny, C. E.....  | 3      | Farrell, J. G.....          | 3      |
| Denny, T. R.....  | 3      | Fechteler, F.....           | 3      |
| Derx, M. R.....   | 3      | Fechteler, W. M.....        | 1      |
| DeVeaux, L. C.....  | 2      | Feineman, W. W.....         | 1      |
| Dierdorff, R. A.....  | 4      | Fengar, H. C.....           | 4      |
| Dietrich, W. F.....   | 2      | Feraca, S. J.....           | 4      |
| Dillon, S. E.....   | 2      | Ferguson, R. R.....         | 3      |
| Dillon, W. M.....   | 3      | Ferguson, W. H.....         | 4      |
| Dingwell, P. D. (suspended for 1<br>year, without pay, from Oct. 1,<br>1915)..... | 3      | Fife, J., jr.....           | 3      |
| Ditmars, W. E.....  | 4      | Fink, C. K.....             | 4      |
| Dobyns, T. A., jr.....  | 3      | Fischler, P. K.....         | 3      |
| Dodge, F. R.....  | 3      | Fisher, J. L.....           | 3      |
| Domer, W. D. I.....   | 3      | Fisher, T. G.....           | 3      |
| Dorsey, R. M.....   | 4      | Fiske, L. S.....            | 1      |
| Dougherty, S. C.....  | 3      | Fitch, H. W.....            | 4      |
| Doughty, L., jr.....  | 2      | Fitzpatrick, T. B.....      | 4      |
| Douglas, A. D.....  | 2      | Flagg, A. P.....            | 3      |
| Douthit, F. L.....  | 3      | Fleming, R. W.....          | 2      |
| Downey, G. J.....   | 4      | Flood, B. P.....            | 1      |
| Downey, K. C. W.....  | 2      | Floyd-Jones, K.....         | 2      |
| Dudley, S. E.....   | 1      | Flynn, A. I.....            | 3      |
| Duncan, D. B.....   | 2      | Foote, E. A.....            | 3      |
| Duncan, J. H.....   | 3      | Forrestel, W. J.....        | 1      |
| Dunwoody, K.....  | 2      | Forshew, J. H., jr.....     | 2      |
| Durgin, C. T.....   | 1      | Forster, G. F.....          | 2      |
| Du Val, M. P., jr.....  | 4      | Foster, F. F.....           | 4      |
| Duvall, E. E., jr.....  | 2      | Fowler, J. W.....           | 3      |
| Dyer, G. C.....   | 4      | Fox, D. C.....              | 2      |
|   |        | Fox, H. W.....              | 2      |
|   |        | France, A. F., jr.....      | 3      |
|   |        | Francis, D. D.....          | 4      |
| Eaches, R. M.....   | 3      | Fraser, A. E.....           | 1      |
| Earle, N. P.....  | 1      | Frere, B.....               | 3      |
| Earnhardt, E. S.....  | 1      | Friedman, E.....            | 4      |
| Elterhart, H. G.....  | 3      | Fuller, E. C.....           | 1      |
| Eekhout, B. V.....  | 3      | Fullinwider, S. P., jr..... | 2      |
| Elmore, W.....  | 2      | Furey, B. G.....            | 1      |
| Ely, H. E., jr.....   | 2      |                             |        |
| Ely, H. F.....  | 2      | Gale, T. B.....             | 2      |
| Emerson, A. T.....  | 1      | Gallemore, R. T.....        | 3      |
| Emrich, P. L.....   | 3      | Gamble, H. G.....           | 4      |
| Erickson, O. W.....   | 1      | Gambrill, S. H.....         | 3      |

| Name and initials.        | Class. | Name and initials.       | Class. |
|---------------------------|--------|--------------------------|--------|
| Gardner, M. B.....        | 4      | Hand, D. W., jr.....     | 4      |
| Garrett, W. S.....        | 3      | Hansen, C. L.....        | 2      |
| Gates, N. N.....          | 1      | Hanson, E. G.....        | 2      |
| Gearing, H. F.....        | 4      | Hardison, O. B.....      | 1      |
| Geiselman, E. H.....      | 3      | Harper, R. H.....        | 2      |
| Geisenhoff, A. C.....     | 1      | Harris, T. F.....        | 2      |
| George, W. P.....         | 3      | Harrison, P.....         | 3      |
| Gibb, E. D.....           | 3      | Harrison, P. W., jr..... | 2      |
| Gibson, F. S.....         | 3      | Harriss, G. L.....       | 2      |
| Gieselmann, A. O.....     | 4      | Hartt, W. H., jr.....    | 3      |
| Gilliam, C. T.....        | 1      | Harvey, L.....           | 2      |
| Gilman, A.....            | 4      | Havill, C. H.....        | 1      |
| Gilmer, F. H.....         | 4      | Hawkins, G. C.....       | 3      |
| Ginder, S. P.....         | 1      | Hawthorne, W. G.....     | 1      |
| Glick, D.....             | 2      | Hayden, C. L.....        | 2      |
| Glutting, P. R.....       | 1      | Hayes, H. D.....         | 2      |
| Goen, P. S.....           | 1      | Hayes, T. A., jr.....    | 4      |
| Goodstein, H.....         | 4      | Haynes, A. P.....        | 3      |
| Gover, L. L.....          | 2      | Headlee, C. De V.....    | 2      |
| Graham, J. J.....         | 4      | Heath, W. S.....         | 2      |
| Grant, L. M.....          | 4      | Hefferman, J. B.....     | 2      |
| Grant, V. F.....          | 2      | Hellmers, W.....         | 3      |
| Grassie, H. J.....        | 1      | Hendley, T. B.....       | 2      |
| Gray, J. F. W.....        | 2      | Henifin, L.....          | 3      |
| Green, D. A.....          | 3      | Henkle, R. H.....        | 3      |
| Greer, M. R.....          | 4      | Herbst, H. R.....        | 3      |
| Gregory, J. W.....        | 2      | Herndon, L.....          | 1      |
| Grey, J. E.....           | 3      | Herring, L. W.....       | 4      |
| Griffin, T. J.....        | 4      | Herrmann, E. E.....      | 4      |
| Griffiths, C. A.....      | 4      | Hicks, R. L.....         | 4      |
| Griggs, J. B., jr.....    | 4      | Hilbert, W. E.....       | 4      |
| Grimm, O. E.....          | 3      | Hill, E. H.....          | 3      |
| Grimsley, E. M.....       | 4      | Hill, E. R.....          | 4      |
| Griswold, W. E.....       | 4      | Hillhouse, F. B.....     | 3      |
| Grosskopf, H. L.....      | 1      | Hilton, C. H.....        | 1      |
| Grove, C. S., 3d.....     | 3      | Hitchcock, R. S.....     | 1      |
| Gruelick, R. W.....       | 2      | Hoeffel, K. M.....       | 2      |
| Haberkorn, J. A., jr..... | 4      | Hoffman, H. D.....       | 3      |
| Habrylewicz, L. L.....    | 3      | Holcombe, B. R.....      | 1      |
| Haeberle, F. E.....       | 2      | Holden, C. F.....        | 2      |
| Haffey, T. J.....         | 3      | Holloway, J. L., jr..... | 4      |
| Hagen, E. G.....          | 2      | Holmes, F. S.....        | 3      |
| Haight, S. M.....         | 3      | Holmes, M. G.....        | 1      |
| Haines, J. M.....         | 3      | Holtmann, O. H.....      | 3      |
| Hains, P. W.....          | 4      | Holton, C. M.....        | 2      |
| Hale, D. W.....           | 4      | Hooks, D. R.....         | 2      |
| Hall, S. K.....           | 4      | Hoover, G. B.....        | 2      |
| Halland, H. E.....        | 3      | Hoover, G. C.....        | 1      |
| Halpine, C. G.....        | 1      | Hopkins, W. H., jr.....  | 3      |
| Halstead, F. D.....       | 3      | Hoppe, T. A.....         | 3      |
| Hamill, C. W.....         | 1      | Horne, H. M.....         | 1      |
| Hamilton, S. A.....       | 1      | Howard, G. T.....        | 2      |
| Hanafee, F. J.....        | 2      | Howe, J. H.....          | 4      |

| Name and initials.   | Class. | Name and initials.      | Class. |
|--|--------|-------------------------|--------|
| Hudson, L. J.....  | 2      | Jones, R. K.....        | 1      |
| Hughes, J. J.....  | 4      | Jones, W. D., jr.....   | 2      |
| Humes, J. A.....   | 4      | Joy, C. T.....          | 1      |
| Hungate, H. H.....   | 3      | Jupp, S. D.....         | 3      |
| Hungerford, R. W.....  | 4      |                         |        |
| Hunt, C. B.....  | 4      | Kalbfus, G. R.....      | 3      |
| Hunter, J. H., 2d.....   | 4      | Kalk, S. F.....         | 1      |
| Huntoon, J. G.....   | 3      | Kane, J. D. H.....      | 3      |
| Hurff, J. E.....   | 4      | Keady, W. L.....        | 1      |
| Hurlbut, E. S.....   | 2      | Keating, R. E.....      | 2      |
| Hurt, S. H.....  | 3      | Keefe, J. H.....        | 2      |
| Huschke, P. W.....   | 2      | Kegley, T. M.....       | 4      |
| Huse, J. O.....  | 4      | Keliher, T. J., jr..... | 1      |
| Hussey, G. F., jr.....   | 1      | Kell, E. L.....         | 4      |
| Hutchins, H. A., jr.....   | 3      | Keller, G. M.....       | 2      |
| Hutchinson, M. C., jr.....   | 4      | Keller, K.....          | 2      |
| Hutson, A. L.....  | 3      | Kelly, F. J., jr.....   | 3      |
| Hyde, R. U.....  | 2      | Kelly, L. E.....        | 2      |
|  |        | Kendall, H. S.....      | 3      |
| Ihrig, R. M.....   | 4      | Kennedy, B. R.....      | 3      |
| Inglis, T. B.....  | 3      | Kennedy, R. N.....      | 1      |
| Irby, F. S.....  | 2      | Kenworthy, J. L.....    | 1      |
| Iverson, E. V.....   | 3      | Kercher, M. A.....      | 1      |
| Ives, J. S. (suspended for 1 year,<br>without pay, from Oct. 1, 1915)... | 3      | Kern, E. D.....         | 4      |
|  |        | Ketcham, T.....         | 1      |
| Jackson, G. M.....   | 4      | Kidd, A. C.....         | 3      |
| Jackson, H. M.....   | 4      | Kidder, E. J.....       | 3      |
| Jackson, H. W.....   | 2      | Kiefer, D.....          | 4      |
| Jacobs, J. D.....  | 3      | Kiernan, J. E. J.....   | 4      |
| Jacobs, M. A.....  | 3      | Kiland, I. N.....       | 2      |
| Jacobsen, A. W.....  | 1      | Killian, W. M.....      | 4      |
| Jacobsen, C. L.....  | 2      | Kimmell, H. L.....      | 3      |
| Jacobson, J. H.....  | 3      | Kincaid, E. H.....      | 3      |
| Jayne, J. K.....   | 3      | King, D. C.....         | 4      |
| Jefferis, L. V.....  | 1      | King, E. D.....         | 2      |
| Jenkins, B. F.....   | 1      | Kinney, J., jr.....     | 4      |
| Jenkins, E. H.....   | 1      | Kirkland, G.....        | 4      |
| Jenkins, J. H.....   | 2      | Kirtland, C. W.....     | 4      |
| Jennings, R. E.....  | 4      | Kirtland, F. D.....     | 1      |
| Jeter, T. P.....   | 4      | Kirtland, F. R.....     | 4      |
| Johnson, C. W.....   | 2      | Kirtland, S. W.....     | 1      |
| Johnson, E. R.....   | 3      | Kitts, W. A., 3d.....   | 1      |
| Johnson, G. W.....   | 3      | Klein, G. C.....        | 1      |
| Johnson, J. S., jr.....  | 4      | Klein, H. S.....        | 2      |
| Johnson, R. L.....   | 3      | Knowles, H. B.....      | 2      |
| Johnston, J. M.....  | 4      | Krez, C. A.....         | 1      |
| Jones, B. S.....   | 4      | Krueger, E. H.....      | 3      |
| Jones, C. M.....   | 2      |                         |        |
| Jones, E. H.....   | 2      | Laird, C. B.....        | 4      |
| Jones, H. McC.....   | 4      | Lamb, C. J.....         | 4      |
| Jones, H. S.....   | 1      | Lamb, S. G.....         | 4      |
| Jones, R. H.....   | 1      | LaMotte, R. S.....      | 1      |
|  |        | Lanier, B. B.....       | 3      |

| Name and initials.          | Class. | Name and initials.   | Class. |
|-----------------------------|--------|--|--------|
| Lannom, J. R. ....          | 4      | Martin, D. C. ....   | 4      |
| Lawrence, N. T., jr. ....   | 1      | Martin, G. F. ....   | 1      |
| Lawson, J. H. ....          | 1      | Martin, H. M. ....   | 4      |
| Lawyer, J. V. ....          | 3      | Martin, W. P. ....   | 4      |
| Lee, P. F. ....             | 4      | Maser, W. G. ....  | 4      |
| Leemeyer, H. C., jr. ....   | 3      | Mason, G. H. ....  | 4      |
| Leffler, C. D., jr. ....    | 3      | Matthews, R. B. ....   | 2      |
| Lehrfeld, I. ....           | 2      | Maxwell, W. E. ....  | 4      |
| Lester, G. W. ....          | 3      | Mayer, A. D. ....  | 1      |
| Leventen, H. K. ....        | 3      | Mayfield, S. G., jr. ....  | 1      |
| Lewis, M. L. ....           | 3      | Mays, W. H. ....   | 4      |
| Lively, F. W. ....          | 2      | Meadows, P. L. ....  | 3      |
| Livingstone, W. G. ....     | 4      | Mentz, G. F. ....  | 2      |
| Lockhart, W. M. ....        | 3      | Merwin, H. C. ....   | 1      |
| Loomis, D. W. ....          | 3      | Metcalf, J. T. ....  | 2      |
| Loventhal, W. F. ....       | 1      | Metzel, J. C. ....   | 4      |
| Lovette, L. P. ....         | 3      | Miles, A. C. ....  | 1      |
| Lowry, E. J. ....           | 2      | Miller, C. C. ....   | 3      |
| Lowry, J. D., jr. ....      | 4      | Miller, W. E. ....   | 1      |
| Ludlow, W. G., jr. ....     | 2      | Mills, DeL. ....   | 4      |
| Luth, W. C. ....            | 2      | Mills, E. W. ....  | 3      |
| Lyle, C. H. ....            | 1      | Mills, G. H. ....  | 4      |
| Lyle, H. K. ....            | 1      | Minard, D. P. (suspended for 1 year,<br>without pay, from Oct. 1, 1915)... | 3      |
| Lyttle, H. D. ....          | 3      | Mintzer, L. M. ....  | 3      |
| McCann, A. R. ....          | 2      | Mitchell, E. A. ....   | 2      |
| McCartin, E. F. ....        | 3      | Mitten, R. L. ....   | 3      |
| McCown, H. Y. ....          | 3      | Moen, A. T. ....   | 2      |
| McDermott, J. T. ....       | 4      | Momsen, C. B. ....   | 3      |
| McDonald, J. B., jr. ....   | 4      | Moon, D. P. ....   | 1      |
| McDowell, R. S. ....        | 3      | Moore, A. J. ....  | 1      |
| McEathron, E. D. ....       | 4      | Moore, C. G., jr. ....   | 3      |
| McFall, A. C. ....          | 1      | Moore, V. J. ....  | 2      |
| McGaully, C. ....           | 4      | Moore, V. R. ....  | 4      |
| McGinnis, K. ....           | 1      | Moran, A. P., jr. ....   | 4      |
| McGurl, D. M. ....          | 4      | Moran, E. J. ....  | 2      |
| McIver, G. W., jr. ....     | 2      | Moran, W. F. ....  | 4      |
| McKee, A. I. ....           | 2      | Morcock, W. J. ....  | 2      |
| McReynolds, J. S. ....      | 3      | Morgan, G. ....  | 1      |
| McReynolds, R. W., jr. .... | 2      | Morgan, L. N. ....   | 4      |
| Macaulay, W. S. ....        | 3      | Morris, E. W. ....   | 2      |
| Mack, A. R. ....            | 2      | Moses, C. A. ....  | 3      |
| MacKay, W. E. ....          | 1      | Moss, J. E. ....   | 2      |
| Macklin, W. A. S. ....      | 3      | Muir, K. D. ....   | 4      |
| MacLellan, H. E. ....       | 3      | Mullinnix, H. M. ....  | 1      |
| MacNamee, A. J. ....        | 4      | Murphy, E. J. ....   | 3      |
| Maichle, F. M. ....         | 4      | Murphy, J. V. ....   | 2      |
| Major, E. M. ....           | 1      | Murphy, V. R. ....   | 3      |
| Malone, W. J. ....          | 3      | Murray, J. D., jr. ....  | 3      |
| Manton, J. P. ....          | 2      | Murray, S. S. ....   | 4      |
| Maples, H. L. ....          | 2      | Muschlitz, E. E. ....  | 2      |
| Marbourg, E. F. ....        | 2      |  |        |
| Marley, A. S., jr. ....     | 3      | Naill, R. F. ....  | 4      |
| Marsh, W. L. ....           | 4      | Neal, J. ....  | 4      |

| Name and initials.        | Class. | Name and initials.       | Class. |
|---------------------------|--------|--------------------------|--------|
| Need, H. W.....           | 3      | Price, G. D.....         | 1      |
| Neill, J. B., jr.....     | 3      | Price, J. D.....         | 1      |
| Neilson, F. W.....        | 2      | Price, W. R.....         | 1      |
| Nelson, R. F.....         | 4      | Pulliam, E. P.....       | 4      |
| Netting, R. B.....        | 4      | Pursell, Ion.....        | 3      |
| Nichols, H. J.....        | 2      |                          |        |
| Nichols, W. R.....        | 3      | Quackenbush, J. W.....   | 3      |
| Nicholson, C. A.....      | 4      | Quinby, W. P.....        | 2      |
| Noble, A.....             | 2      |                          |        |
| Noble, J. B.....          | 4      | Raab, N. C.....          | 3      |
| Northern, P. L., jr.....  | 1      | Radford, A. W.....       | 1      |
| Norton, S. C.....         | 3      | Ragsdale, V. H.....      | 1      |
|                           |        | Ramsey, L. C.....        | 4      |
| Ofstie, R. A.....         | 4      | Rand, E. B.....          | 4      |
| Ogg, R. R.....            | 2      | Randolph, R. L., jr..... | 2      |
| Olds, H. W.....           | 4      | Rawlings, N. L.....      | 2      |
| Olsen, C. E.....          | 4      | Read, W. R.....          | 4      |
| Onley, W. B.....          | 4      | Reaves, A. G.....        | 2      |
| O'Rear, G. McF.....       | 4      | Redfield, H. J.....      | 1      |
| Orr, J. J.....            | 4      | Redman, J. R.....        | 4      |
| Oster, H. R.....          | 2      | Reed, M. W.....          | 1      |
| Ostrander, J. E., jr..... | 2      | Reifel, W. McK.....      | 2      |
|                           |        | Reinburg, J. E.....      | 1      |
| Pace, W. W.....           | 4      | Rend, C. J.....          | 4      |
| Page, A. H., jr.....      | 3      | Remington, T. F.....     | 3      |
| Paige, J. W.....          | 3      | Reynolds, J. L.....      | 4      |
| Palmer, C. J.....         | 4      | Rhoton, R. G.....        | 4      |
| Park, P. H.....           | 2      | Rhudy, A. M.....         | 1      |
| Parker, I.....            | 1      | Richards, C. L.....      | 4      |
| Parker, L. C.....         | 4      | Richards, W. P.....      | 2      |
| Parker, R. B.....         | 3      | Richardson, J. C.....    | 4      |
| Parkhurst, T. R.....      | 2      | Richardson, L. B.....    | 3      |
| Patterson, J. J., 3d..... | 4      | Richmond, J. O'D.....    | 2      |
| Patterson, T. T.....      | 1      | Riggs, R. S.....         | 3      |
| Pearsall, L. M.....       | 4      | Roberts, H. C.....       | 4      |
| Pelzman, L. B.....        | 4      | Roberts, J. S., jr.....  | 1      |
| Percifield, W. M.....     | 3      | Roberts, R. H.....       | 4      |
| Perkins, C. N.....        | 2      | Rochester, H. A.....     | 3      |
| Perkins, J. L.....        | 3      | Rockey, C. H.....        | 4      |
| Peterson, C.....          | 4      | Rodgers, B. J.....       | 1      |
| Phelps, H. L.....         | 1      | Rogers, A. C.....        | 1      |
| Phillips, E. R.....       | 2      | Rogers, E. B.....        | 2      |
| Phillips, J. S.....       | 3      | Rogers, E. C.....        | 3      |
| Phillips, W. K.....       | 2      | Rogers, F. O.....        | 2      |
| Pitre, A. S.....          | 4      | Rogers, J. W.....        | 3      |
| Plonk, J. O.....          | 3      | Root, A. B.....          | 1      |
| Poindexter, G. A.....     | 2      | Roper, C. H.....         | 1      |
| Poole, R.....             | 3      | Roper, J. W.....         | 4      |
| Porter, R. L., jr.....    | 2      | Ross, G. E., jr.....     | 3      |
| Post, C. K.....           | 4      | Ross, T. D.....          | 2      |
| Post, N. J.....           | 4      | Routier, G. E.....       | 2      |
| Powell, D. A.....         | 4      | Rowe, G.....             | 3      |
| Presnell, B. K.....       | 2      | Rowe, J. W.....          | 3      |
| Price, A. I.....          | 2      | Rule, A. O., jr.....     | 4      |
| Price, E. H.....          | 3      |                          |        |

| Name and initials.     | Class. | Name and initials.      | Class |
|------------------------|--------|-------------------------|-------|
| Runquist, E. R.....    | 4      | Smith, F. A.....        | 2     |
| Rush, R. McK.....      | 4      | Smith, H. H.....        | 3     |
| Rutledge, P. W.....    | 1      | Smith, R. McL.....      | 4     |
| Ryan, D. L.....        | 1      | Sobel, H. R.....        | 3     |
| Ryan, J. B.....        | 1      | Solberg, T. A.....      | 1     |
| Safford, L. F.....     | 1      | Sparrow, E.....         | 2     |
| Sailor, H. A.....      | 4      | Spaulding, J. W.....    | 4     |
| Sallada, H. B.....     | 2      | Spaven, J. S.....       | 4     |
| Sample, W. D.....      | 4      | Spellman, F. T.....     | 2     |
| Sargent, L. P.....     | 2      | Spencer, D. A.....      | 2     |
| Sauer, E. P.....       | 1      | Sprague, A. T., 3d..... | 4     |
| Sawyer, A. L.....      | 1      | Sprague, C. A. F.....   | 3     |
| Sayre, F. N.....       | 4      | Sprague, T. L.....      | 3     |
| Schaeffer, V. H.....   | 4      | Stailley, H. D.....     | 3     |
| Scheck, L. G.....      | 3      | Staples, G. B.....      | 2     |
| Schetky, G. L.....     | 4      | Staud, B. F.....        | 2     |
| Schiffli, H. J.....    | 4      | Staudt, A. R.....       | 4     |
| Schildhauer, C. H..... | 4      | Steele, J. M.....       | 1     |
| Schmidt, G. E.....     | 4      | Steeves, L. S.....      | 2     |
| Schmidt, H.....        | 1      | Stein, M. H.....        | 4     |
| Schneider, A. P.....   | 2      | Sternberg, J. A.....    | 1     |
| Schoeffel, M. F.....   | 4      | Stevens, L. C.....      | 4     |
| Schofield, A. R.....   | 2      | Stone, E. E.....        | 3     |
| Schott, W. W.....      | 1      | Stone, H. G.....        | 3     |
| Schrader, A. E.....    | 1      | Stone, J. G. M.....     | 2     |
| Schumacher, T. L.....  | 2      | Stonestreet, M. B.....  | 1     |
| Scott, J. A.....       | 1      | Stover, S. B.....       | 3     |
| Scott, J. B.....       | 3      | Strachan, W. J.....     | 4     |
| Scull, H. M.....       | 3      | Stump, F. B.....        | 2     |
| Sease, H. S.....       | 2      | Styer, C. W.....        | 3     |
| Seligman, M. T.....    | 4      | Sullivan, J. R.....     | 3     |
| Selman, A. J.....      | 1      | Sullivan, P. V.....     | 4     |
| Senn, E. M.....        | 2      | Sumners, G. W.....      | 1     |
| Settle, T. G. W.....   | 4      | Surran, C. L.....       | 4     |
| Shepard, A. G.....     | 2      | Sutherland, W. C.....   | 1     |
| Sherman, F. P.....     | 3      | Svec, W. F.....         | 3     |
| Sherritt, H. I.....    | 4      | Swenson, L. K.....      | 1     |
| Sherwood, G. B.....    | 3      | Swink, R. C.....        | 1     |
| Shope, W. B. K.....    | 4      | Sykes, J. B.....        | 4     |
| Short, G. E.....       | 4      | Talbot, P. H.....       | 4     |
| Shortridge, P. F.....  | 2      | Tarbutton, W. E.....    | 4     |
| Shown, W. V.....       | 2      | Taylor, P. R.....       | 3     |
| Simms, J. W.....       | 1      | Taylor, W. L.....       | 3     |
| Sinnott, D. J.....     | 4      | Terhune, J. A.....      | 1     |
| Sitz, W. H.....        | 1      | Tevis, P. U.....        | 2     |
| Skylstead, R. F.....   | 2      | Thoma, C. G.....        | 2     |
| Slocum, H. B.....      | 4      | Thomas, F. C.....       | 4     |
| Small, L. F.....       | 2      | Thomas, J. W.....       | 4     |
| Smith, C. R.....       | 4      | Thompson, P. B.....     | 4     |
| Smith, E. H.....       | 4      | Thompson, W. M.....     | 1     |
| Smith, E. M.....       | 1      | Thorne, T. S.....       | 3     |
| Smith, E. R.....       | 4      | Thornhill, H. E.....    | 3     |

| Name and initials.          | Class. | Name and initials.  | Class. |
|-----------------------------|--------|---|--------|
| Thornton, P. M.....         | 3      | Wells, S. L.....  | 4      |
| Thurber, H. R.....          | 4      | Wessell, L. P.....  | 2      |
| Thurston, A. P.....         | 4      | Westphal, F. A.....   | 4      |
| Tobin, R. G.....            | 2      | Wheeler, C. J.....  | 1      |
| Tomlinson, D. W., 4th.....  | 3      | Wheeler, E. B.....  | 3      |
| Toombs, H. J.....           | 2      | Whelan, J. N.....   | 3      |
| Topp, E.....                | 2      | Wheyland, M. C.....   | 4      |
| Townsend, G. D.....         | 3      | White, C. B.....  | 3      |
| Troost, F. L.....           | 4      | White, H. J.....  | 1      |
| Tuggle, R. B.....           | 4      | White, R. D.....  | 4      |
| Tuley, C. B.....            | 3      | Whitehead, W. D.....  | 4      |
| Twining, R. B.....          | 1      | Whitemarsh, R. P.....   | 3      |
| Twomey, J. J.....           | 2      | Whitfield, J. W.....  | 3      |
| Tyler, J. C.....            | 2      | Whitson, J. A.....  | 4      |
| Updegraff, W. N.....        | 4      | Whittaker, H. R.....  | 4      |
| Vail, L. R.....             | 1      | Whitten, R. T.....  | 3      |
| Van Buskirk, R. J.....      | 1      | Wieber, C. W.....   | 3      |
| Veeder, T. E. DeW., jr..... | 4      | Wilcock, W. C. (suspended for 1 year,<br>without pay, from Oct. 1, 1915)... | 3      |
| Vincent, J. A.....          | 1      | Wildman, C. K.....  | 4      |
| von Hasseln, H. W.....      | 3      | Wilkes, C.....  | 4      |
| von Heimburg, E. H.....     | 4      | Wilkes, J.....  | 1      |
| Vosbury, B. P.....          | 3      | Wilkinson, F. L., jr.....   | 3      |
| Vose, W. C.....             | 4      | Willenbacher, E. H.....   | 3      |
| Vytlacil, N.....            | 2      | Willenbacher, F. O.....   | 4      |
| Waddell, J. E.....          | 3      | Williams, J. C.....   | 4      |
| Wade, M. C., jr.....        | 3      | Williams, J. E.....   | 1      |
| Wade, W. C.....             | 3      | Williams, R., jr.....   | 4      |
| Wainwright, L.....          | 2      | Wilson, F. P., jr.....  | 4      |
| Walbridge, E. D.....        | 3      | Wilson, J. D.....   | 3      |
| Waldron, R. G.....          | 4      | Winckler, E. R.....   | 4      |
| Waldschmidt, T. M.....      | 2      | Wisenbaker, J. L.....   | 4      |
| Walker, H. E.....           | 4      | Withers, C.....   | 3      |
| Walker, R. J.....           | 1      | Wood, J. O.....   | 3      |
| Walker, T. F. C.....        | 3      | Woodman, H. S.....  | 4      |
| Waller, F. P.....           | 4      | Woodruff, J. L.....   | 2      |
| Wallin, H. N.....           | 2      | Woodward, C. D.....   | 4      |
| Walton, J. N.....           | 2      | Woodward, D. C.....   | 1      |
| Ward, C. O.....             | 2      | Woolley, G. B.....  | 3      |
| Warlick, W. W.....          | 3      | Wooster, S. H.....  | 2      |
| Warner, S. H.....           | 4      | Worden, F. L.....   | 2      |
| Warner, T. D.....           | 1      | Wright, Jerauld.....  | 3      |
| Warren, P. W.....           | 2      | Wright, J. E.....   | 4      |
| Watters, J. S., jr.....     | 1      | Wright, J. T.....   | 3      |
| Wead, F. W.....             | 1      | Wunch, E. W.....  | 3      |
| Webb, A. W.....             | 1      | Wyatt, B. H.....  | 2      |
| Webb, R. E.....             | 1      | Wyman, R.....   | 2      |
| Webb, W. W.....             | 1      | Wynkoop, N. O.....  | 1      |
| Weber, G. K.....            | 2      | Wynkoop, T. P., jr.....   | 4      |
| Weis, F. L.....             | 2      | Wynne, S. J.....  | 2      |
| Weitzel, C. W.....          | 2      | Young, C.....   | 1      |
| Welch, P. P.....            | 4      |   |        |
| Wells, B. O.....            | 2      | Zirolì, H. W.....   | 1      |









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